

EXHIBIT 24

Confidential - Per 2004 MDL 1358 Order

Page 3933

UNITED STATES DISTRICT COURT
SOUTHERN DISTRICT OF NEW YORK

IN RE:

Methyl Tertiary Butyl: Master File No. 1:00-1898
Ether ("MTBE") : MDL NO. 1358 (SAS)
Products Liability : M21-88
Litigation :

This Document Relates to:
Orange County Water District
v. Unocal Corporation, et al.,
S.D.N.Y. No. 04 Civ. 4968 (SAS)

CONFIDENTIAL
(Per 2004 MDL 1358 Order)

Monday, December 1, 2008

Videotaped Deposition of ROY L. HERNDON,
R.G., Volume 17, OCWD'S 30(b)(6) DESIGNEE re Focus
Plume #3, held in the law offices of Latham & Watkins,
650 Town Center Drive, Suite 2000, Costa Mesa,
California, beginning at 9:16 a.m., before Sandra
Bunch VanderPol, RPR, RMR, CRR, CSR #3032.

GOLKOW TECHNOLOGIES, INC.
877.370.3377 ph|917.591.5672 fax
deps@golkow.com



Confidential - Per 2004 MDL 1358 Order

<p style="text-align: right;">Page 4082</p> <p>1 Q. What are you familiar with about it?</p> <p>2 A. I recall that there were</p> <p>3 approximately 39 sites selected that Komex was going</p> <p>4 to do file reviews on. And I look at the third page,</p> <p>5 and I note that there are sites associated with</p> <p>6 bellwether plumes 2, 7 and 9. So I'm familiar with</p> <p>7 that.</p> <p>8 I just don't remember the -- some of the</p> <p>9 contents on the second page.</p> <p>10 Q. Okay. But you are familiar with the</p> <p>11 first page?</p> <p>12 A. Generally, yes. Yeah.</p> <p>13 Q. And that is a list of Komex's Phase I</p> <p>14 Threat Assessments 39 sites. And station -- ARCO</p> <p>15 Station 1905 is not on that list, is it?</p> <p>16 A. No, I don't see it.</p> <p>17 Q. If you flip the page, you will see</p> <p>18 Komex's Phase II Threat Assessments. And at No. 48</p> <p>19 there is ARCO 1905, correct?</p> <p>20 A. Yes.</p> <p>21 Q. Are you familiar with the difference</p> <p>22 between Phase I and Phase II of Komex threat</p> <p>23 assessments?</p> <p>24 A. I -- I would be speculating on what</p> <p>25 that distinction might be. I don't know.</p>	<p style="text-align: right;">Page 4084</p> <p>1 A. I believe what I've done is</p> <p>2 investigating this site.</p> <p>3 Q. And what caused the District to make</p> <p>4 the decision to investigate the site?</p> <p>5 A. Well, I know it is associated with</p> <p>6 plume 3. And so some investigation was performed to</p> <p>7 identify it as a site associated with plume 3.</p> <p>8 Q. And do you know when that</p> <p>9 investigative work was done?</p> <p>10 A. I don't know specifically when.</p> <p>11 Q. Do you know who participated in that</p> <p>12 work?</p> <p>13 A. I believe Dave Bolin did. Myself to</p> <p>14 a very -- not as much detail as Mr. Bolin did. I</p> <p>15 don't know who else might have been involved. Komex</p> <p>16 might have been, but I don't know.</p> <p>17 Q. And aside from a review of the files</p> <p>18 that are -- <u>make up the binder and equivalent files,</u></p> <p>19 <u>has there been any other work by the District to --</u></p> <p>20 <u>to investigate the site?</u></p> <p>21 A. <u>Other than file review, I'm -- and</u></p> <p>22 <u>the data collection that we have talked about as far</u></p> <p>23 <u>as low level testing of monitoring wells in -- within</u></p> <p>24 <u>plume 3, I'm not aware of other activities or</u></p> <p>25 <u>investigations that the District has done.</u></p>
<p style="text-align: right;">Page 4083</p> <p>1 Q. Komex did not prepare a summary for</p> <p>2 this site, did it?</p> <p>3 A. Not that I know of.</p> <p>4 Q. Do you know why Komex did not prepare</p> <p>5 a summary for this site?</p> <p>6 A. I don't know.</p> <p>7 Q. Do you know if Komex did any sort of</p> <p>8 investigatory work for this site?</p> <p>9 A. I don't know if they did.</p> <p>10 Q. Do you know who would?</p> <p>11 A. Dave Bolin might.</p> <p>12 Q. And has there been any other work by</p> <p>13 <u>the District at this site that would potentially --</u></p> <p>14 <u>or that would be endeavored in lieu of a Komex</u></p> <p>15 <u>report?</u></p> <p>16 A. <u>I don't know if there is any other</u></p> <p>17 <u>work that -- other than a Komex report that might --</u></p> <p>18 <u>any work product that the District staff might have</u></p> <p>19 <u>prepared, I'm not aware of any.</u></p> <p>20 Q. Do you know if the District made a</p> <p>21 decision to not have Komex look at this site?</p> <p>22 A. I don't know if any -- if that</p> <p>23 kind of decision had been made. I don't know.</p> <p>24 Q. Has the District made a</p> <p>25 determination -- a decision to investigate this site?</p>	<p style="text-align: right;">Page 4085</p> <p>1 <u>Q. Does the District have any plans for</u></p> <p>2 <u>future work at station 1905?</u></p> <p>3 <u>A. We have not prepared plans for</u></p> <p>4 <u>future work. That's forthcoming, but the District</u></p> <p>5 <u>hasn't -- I am not aware of any plans that the</u></p> <p>6 <u>District has for this site.</u></p> <p>7 <u>Q. And when I say "future work," I</u></p> <p>8 <u>should be more specific. I mean -- I mean both</u></p> <p>9 <u>investigatory and/or remedial work. Does the</u></p> <p>10 <u>District have any plans to do any further</u></p> <p>11 <u>investigation of this site?</u></p> <p>12 <u>A. I'm not aware of specific plans to</u></p> <p>13 <u>investigate this site.</u></p> <p>14 Q. Does the District believe that MTBE</p> <p>15 or TBA has escaped remediation at the site?</p> <p>16 A. Yes.</p> <p>17 Q. And what -- upon what facts does the</p> <p>18 District base its belief?</p> <p>19 A. Well, the extent of the MTBE and TBA</p> <p>20 hasn't been determined laterally or vertically. It</p> <p>21 extends off site. The wells that have -- most</p> <p>22 recently have MTBE and historically had MTBE, there</p> <p>23 are no wells beyond those wells to know how far the</p> <p>24 MTBE is -- has escaped the site and the remediation.</p> <p>25 There's data that indicates MTBE has gotten</p>

Confidential - Per 2004 MDL 1358 Order

<p style="text-align: right;">Page 4102</p> <p>1 A. I think -- yeah. I'm sure I 2 looked at it. Yeah. 3 Q. And I was just wondering if the 4 District made any effort to evaluate the remediation 5 at the time that this remediation evaluation report 6 was issued in 2006? 7 A. Given that I don't have any 8 indication of Komex preparing a summary report for 9 this site, I don't know whether they, or anyone else 10 from the District, might have been evaluating this 11 remediation system at -- during this time frame of 12 June of 2006. 13 Q. The second page of the exhibit notes 14 that a dual-phase extraction, DPE, system was 15 permitted and constructed on the site in late 2000 16 and early 2001. 17 Was the District aware there had been a DPE 18 system installed at that time? 19 A. I don't know if we were aware at -- 20 during those times of whether a DPE system had been 21 installed. 22 Q. And does the District dispute any of 23 the findings in the evaluation that are located on 24 page 5 of this DPE system evaluation? 25 MR. AXLINE: Objection. Vague.</p>	<p style="text-align: right;">Page 4104</p> <p>1 groundwater extraction system extracted 50,512 2 gallons of groundwater from the subsurface and 3 focused on extraction -- focused extraction," pardon 4 me, "on wells W-6, W-7, W-15, W-16, W-23 and W-25. 5 The GWE system operated intermittently from 6 January 16, 2008 to February 15, 2008. The GWE 7 system was shut off at this time to replace the 8 carbon. Influent groundwater samples were collected 9 on February 11th, 2008, and the analytical results 10 for this sample indicated that dissolved MTBE and TBA 11 concentrations of 100 parts per billion and 44,000 12 parts per billion, respectively, were detected." 13 Do you have any reason to dispute that 14 finding? 15 A. No. No reason to dispute that. 16 Q. Do you believe that this is -- that 17 the system is not efficiently -- or not effectively 18 removing contamination from the site in the 19 groundwater? 20 A. As I indicated earlier, I don't think 21 the District has any disagreement with removing 22 contamination, which appears to be part of this 23 remediation. It's a question of whether that system 24 is containing all of the contamination. And as far 25 as I can tell, it has not. So that's really the</p>
<p style="text-align: right;">Page 4103</p> <p>1 You're asking him whether the District 2 disputes any of this lengthy evaluation? 3 MR. FINSTEN: Is that -- 4 Q. Well, has the District read the 5 evaluation prior to preparing for the deposition? 6 A. I believe this is one of the 7 documents I looked at. I may have looked at this 8 particular page. I note some issues, some 9 operational problems that were noted. But I 10 believe I at least looked at this document. 11 MR. FINSTEN: I'd like to mark one more 12 exhibit on this station, if I may. 13 THE REPORTER: Exhibit 279. 14 (Exhibit No. 279 was marked.) 15 BY MR. HEARTNEY: 16 Q. This is also, I believe, behind Tab 4 17 of your binder, Remediation System Summary, Second 18 Quarter 2008, ARCO Facility No. 1905. 19 Did you review this document in preparation 20 for the deposition, Mr. Herndon? 21 A. I believe so. 22 Q. And if you were to turn to the third 23 page of the document, the second paragraph from the 24 bottom, "Activities during this reporting period." 25 "During the second quarter 2008, the</p>	<p style="text-align: right;">Page 4105</p> <p>1 issue. 2 Q. At this time does the District have 3 <u>any plans or recommendations for any steps to remove</u> 4 <u>all of the remaining contamination at the site?</u> 5 A. We have not developed those plans as 6 of yet. 7 Q. Okay. We can move on to 8 station 1912. Thank you. I will try to keep my 9 multitude of exhibits somewhat organized for 10 efficiency. And, again, I apologize in advance if 11 these questions are somewhat repetitive. But we're 12 moving on to a different station. Very exciting. 13 Again, aside from reviewing the documents in 14 your station binder for 1912, did you do anything 15 other to -- anything else to prepare for the 16 deposition regarding for this station in particular? 17 A. Nothing that we haven't already 18 talked about. 19 Q. And we -- unfortunately, I don't 20 appear to have it from this morning. I believe it 21 was Exhibit 261 were your prepared notes. 22 A. Oh, I found mine, yes. 23 Q. For 1912. 24 A. Yes. 25 Q. So those are already marked.</p>

44 (Pages 4102 to 4105)

Confidential - Per 2004 MDL 1358 Order

Page 4154

DEPONENT'S CHANGES OR CORRECTIONS

Note: If you are adding to your testimony, print the exact words you want to add. If you are deleting from your testimony, print the exact words you want to delete. Specify with "Add" or "Delete" and sign this form.

DEPOSITION OF: ROY L. HERNDON, R.G., Volume 17

CASE: MTBE MDL (OCWD)

DATE OF DEPOSITION: DECEMBER 1, 2008

PAGE LINE CHANGE/ADD/DELETE

11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		

DEPONENT'S SIGNATURE _____

DATE _____

Page 4155

REPORTER'S CERTIFICATE

I certify that the witness in the foregoing deposition.

ROY HERNDON, R.G.

was by me duly sworn to testify in the within-entitled cause; that said deposition was taken at the time and place therein named; pages 3933 through 4153 of the testimony of said witness were reported by me, a duly Certified Shorthand Reporter of the State of California authorized to administer oaths and affirmations, and said testimony was thereafter transcribed into typewriting.

I further certify that I am not of counsel or attorney for either or any of the parties to said deposition, nor in any way interested in the outcome of the cause named in said deposition.

IN WITNESS WHEREOF, I have hereunto set my hand this 9th day of December, 2008.

SANDRA BUNCH VANDER POL, RMR, CRR
Certified Shorthand Reporter
Certificate No. 3032

57 (Pages 4154 to 4155)

Golkow Technologies, Inc. - 1.877.370.DEPS

fb2e35e6-99d9-4718-91ca-610045393724

Confidential - Per 2004 MDL 1358 Order

Page 3229

UNITED STATES DISTRICT COURT
SOUTHERN DISTRICT OF NEW YORK

IN RE:

Methyl Tertiary Butyl: Master File No. 1:00-1898
Ether ("MTBE") : MDL NO. 1358 (SAS)
Products Liability : M21-88
Litigation :

This Document Relates to:
Orange County Water District
v. Unocal Corporation, et al.,
S.D.N.Y. No. 04 Civ. 4968 (SAS)

CONFIDENTIAL
(Per 2004 MDL 1358 Order)

NOVEMBER 17, 2008

Videotaped Deposition of ROY L. HERNDON,
R.G., Volume 14 of OCWD'S 30(b)(6) DESIGNEE re Focus
Plume 1, held in the law offices of Latham & Watkins,
650 Town Center Drive, Suite 2000, Costa Mesa,
California, beginning at 9:15 a.m., before Sandra
Bunch VanderPol, RPR, RMR, CRR, CSR #3032.

GOLKOW TECHNOLOGIES, INC.
877.370.3377 ph|917.591.5672 fax
deps@golkow.com

Golkow Technologies, Inc. - 1.877.370.DEPS

e930b73e-98d8-4448-8c32-527982c1de70

Confidential - Per 2004 MDL 1358 Order

Page 3262	Page 3264
<p>1 A. I believe the District has, has done 2 that testing. 3 Q. How often? 4 A. I don't know the frequency. At a 5 minimum, it would be once every three years, but it 6 could be more frequently than that. 7 Q. Is that your testing protocol, that 8 every well, every large production well in the 9 District, will be tested by the District at least 10 once every three years? 11 A. That's correct. And that is based on 12 the department of public -- the state Department of 13 Public Health that requires testing at least every 14 three years. But my understanding is that we, the 15 District, samples production wells typically on an 16 annual basis for constituents like MTBE. 17 Q. In preparation for your deposition 18 today, did you have occasion to review the -- either 19 the LIMS or the WRMS database to determine what the 20 OCWD testing of this well indicated with respect to 21 either MTBE or TBA contamination? 22 A. I did not review that -- that 23 information. 24 Q. Do you know, as you sit here today, 25 whether OCWD has ever detected MTBE in well NB-TAMD?</p>	<p>1 potentially is downgradient and could be within the 2 capture of chemicals, or MTBE in particular, that 3 might have left the Texaco site. 4 Q. Maybe you didn't understand 5 my question, which is in part because it may have 6 been hopelessly ambiguous. 7 But my question is: Is it true that you 8 cannot say definitively that any of the contamination 9 from any release at 9475 necessarily is contamination 10 that got to the NB-TAMD well, correct? 11 A. That -- that's a different statement 12 than the first one, which was you have no basis in 13 making that contention. So just to make sure that 14 was a different question. 15 But I -- at this point I cannot definitively 16 say that the MTBE from the Texaco site has -- is the 17 same as the MTBE that was detected. That type of 18 investigation needs to be done. 19 Q. The phraseology that Mr. Bolin has 20 used, I believe -- and I don't want to put words in 21 your mouth. You can either adopt it or not. I think 22 he has said in prior 30(b)(6) focus plume 23 depositions, I can't trace the contamination to a 24 particular site. All I can tell you is that there's 25 detections of MTBE in this particular well, and all</p>
Page 3263	Page 3265
<p>1 A. I don't know whether the 2 District has detected MTBE in this well. 3 Q. Do you know whether the District has 4 detected TBA in that well? 5 A. No. 6 Q. Let's see if I can cut through this 7 based on the testimony that Mr. Bolin has given in 8 other focus plume depositions. 9 Is it fair to say that, as you sit here 10 today, you have no basis for saying that any MTBE 11 gasoline from the 9475 Warner Avenue site is the 12 source of the alleged MTBE contamination that 13 resulted in the micro detections discovered by 14 Friedman & Bruya? 15 MR. AXLINE: Objection. Mischaracterizes 16 prior testimony. 17 THE WITNESS: I wouldn't agree with that. 18 BY MR. TEMKO: 19 Q. Okay. Why not? 20 A. Well, based on my review of the files 21 of this site and this Texaco site that we are talking 22 about, it appears as though the MTBE from that site 23 has escaped the remedial activities at that site. 24 The extent of that MTBE has not been delineated 25 vertically or laterally. And that the well NB-TAMD</p>	<p>1 of these stations are suspect sites. Is that -- 2 MR. AXLINE: Objection. Mischaracterizes 3 prior testimony. 4 BY MR. TEMKO: 5 Q. Is that a fair characterization of 6 the District's view, with respect to the focus plume? 7 A. I can only speak to the sites that I 8 have reviewed. And of the sites for this plume that 9 I have reviewed, I believe -- I'm not aware of any of 10 them where the MTBE or TBA has not been delineated 11 and, therefore, could have escaped -- or has escaped 12 the sites and could be the MTBE that has been 13 detected at the NB-TAMD well. But I can't say for 14 sure whether -- which of those sites could have been 15 the source. 16 Q. Your thesis is that one or 17 more of the stations within the plume is the source 18 of the MTBE contamination that Friedman & Bruya has 19 detected; is that correct? 20 A. I would say those are the likely 21 sources. 22 Q. Are there other likely sources? 23 A. Not that I'm aware of. 24 Q. Does OCWD know whether or not MTBE 25 gasoline has been released from any UST or has leaked</p>

10 (Pages 3262 to 3265)

Confidential - Per 2004 MDL 1358 Order

<p style="text-align: right;">Page 3270</p> <p>1 MR. TEMKO: Five minutes. 2 THE VIDEOGRAPHER: Going off the record. 3 The time is 10:15 a.m. 4 (Recess taken.) 5 THE VIDEOGRAPHER: Back on the record. The 6 time is 10:34 p.m. -- a.m. 7 BY MR. TEMKO: 8 Q. Mr. Herndon, we are back on the 9 record. Do you understand you're still under oath? 10 A. Yes. 11 Q. Thanks. 12 Referring back to Exhibit 206. On page 2, 13 the third item down, there's a reference to February 14 2006, a report in your binder that refers to a 15 bioscreen model used to predict plume migration. Do 16 you see that? 17 A. Yes. 18 Q. And your memo says, and I quote, 19 "Model reportedly predicted that over a 20-year 20 period, the leading edge of the plume will stabilize 21 at a maximum distance of 250 feet downgradient from 22 the point source," unquote. Do you see that 23 reference? 24 A. Yes. 25 Q. Do you remember reading a report from</p>	<p style="text-align: right;">Page 3272</p> <p>1 <u>anyone at the Santa Ana Regional Water Quality</u> 2 <u>Control Board regarding the remediation activities at</u> 3 <u>the 9475 Warner Avenue site?</u> 4 A. Not that I know of. 5 Q. Has OCWD had any communications with 6 <u>anyone at Shell concerning the remediation activities</u> 7 <u>at the 9475 Warner Avenue site?</u> 8 A. Not that I'm aware of. 9 Q. Has anyone at OCWD had any 10 <u>communications with any of Shell's remediation</u> 11 <u>consultants regarding the remediation activities at</u> 12 <u>the 9475 Warner Avenue site?</u> 13 A. Not that I know of. 14 Q. Has OCWD had any communications with 15 <u>anyone at the City of Newport Beach regarding the</u> 16 <u>remediation activities at the 9475 Warner Avenue</u> 17 <u>site?</u> 18 A. No, I don't believe so. 19 Q. Has OCWD had any communications with 20 <u>anyone at the City of Fountain Valley regarding the</u> 21 <u>remediation activities at the 9475 Warner Avenue</u> 22 <u>site?</u> 23 A. Not that I know of. 24 Q. Has OCWD had any communications with 25 <u>anyone at the City of Huntington Beach regarding the</u></p>
<p style="text-align: right;">Page 3271</p> <p>1 WGR, the consultant working at the 9475 Warner Avenue 2 site regarding this bioscreen modeling exercise that 3 they had done? 4 A. I believe so, yes. 5 Q. Is that the first that you learned of 6 this? And by that I mean, is the first time you had 7 seen reference to this bioscreen modeling exercise 8 when you prepared for the deposition over the last 9 couple of weeks? 10 A. And you're speaking to this site in 11 particular? 12 Q. Yes, sir. 13 A. Yes. 14 Q. Do you recall discussing with anyone 15 at OCWD at any time up to the present the fact that 16 the consultant working at the site had conducted this 17 bioscreen modeling exercise? 18 A. I haven't spoken to anybody about 19 this at the District. 20 Q. Has OCWD had any communications with 21 <u>the Orange County Health Care Agency regarding the</u> 22 <u>remediation activities at the 9475 Warner Avenue</u> 23 <u>site?</u> 24 A. Not that I know of. 25 Q. Has OCWD had any communications with</p>	<p style="text-align: right;">Page 3273</p> <p>1 <u>remediation activities at that site?</u> 2 A. Not that I know of. 3 Q. Other than Newport Beach, has -- 4 because I already asked you that question -- has OCWD 5 had any communications with any other water producers 6 in the area regarding the remediation activities at 7 the 9475 Warner Avenue site? 8 A. Not that I know of. 9 Q. Other than the document review 10 <u>process that you testified to this morning, has OCWD</u> 11 <u>taken any steps to remediate the contamination at the</u> 12 <u>9475 Warner Avenue site?</u> 13 A. And to clarify "remediate," do you 14 <u>mean actually physically begin removing</u> 15 <u>contamination?</u> 16 Q. Yes, sir. 17 A. The only work that we have done, to 18 <u>my knowledge at this point, has been to review the</u> 19 <u>information about the site, which could eventually</u> 20 <u>lead to our assessing what kind of remedial</u> 21 <u>activities might be needed. But in terms of actually</u> 22 <u>performing cleanup, the District has not undertaken</u> 23 <u>cleanup for this site.</u> 24 Q. Has the District made any 25 <u>determination as to what, if any, work Hargis +</u></p>

12 (Pages 3270 to 3273)

Page 3364

REPORTER'S CERTIFICATE

ROY L. HERNDON, R.G.

was by me duly sworn to testify in the within-entitled cause; that said deposition was taken at the time and place therein named; pages 3229 through 3364 of the testimony of said witness were reported by me, a duly Certified Shorthand Reporter of the State of California authorized to administer oaths and affirmations, and said testimony was thereafter transcribed into typewriting.

I further certify that I am not of counsel or attorney for either or any of the parties to said deposition, nor in any way interested in the outcome of the cause named in said deposition.

IN WITNESS WHEREOF, I have hereunto set my hand
this 22nd day of November, 2008.

SANDRA BUNCH VANDER POL, RMR, CRR
Certified Shorthand Reporter
Certificate No. 3032

DEPONENT'S CHANGES OR CORRECTIONS

Note: If you are adding to your testimony, print the exact words you want to add. If you are deleting from your testimony, print the exact words you want to delete. Specify with "Add" or "Delete" and sign this form.

DEPOSITION OF: ROY L. HERNDON, R.G., Volume 14

CASE: MTBE MDL (OCWD)

DATE OF DEPOSITION: NOVEMBER 17, 2008

PAGE	LINE	CHANGE/ADD/DELETE
------	------	-------------------

DEPONENT'S SIGNATURE

DATE _____

35 (Pages 3362 to 3364)

EXHIBIT 25



**UNITED STATES DISTRICT COURT
SOUTHERN DISTRICT OF NEW YORK**

In Re: Methyl Tertiary Butyl Ether ("MTBE")
Products Liability Litigation

**MDL No. 1358
Master File C.A. No.
1:00-1898 (SAS)**

This document relates to the following case:
Orange County Water District v. Unocal, et al., 04 Civ. 4968

**PLAINTIFF ORANGE COUNTY WATER DISTRICT'S SUPPLEMENTAL LOCAL
RULE 56.1 STATEMENT OF MATERIAL FACTS FOR WHICH PLAINTIFF
CONTENDS THERE IS A GENUINE ISSUE TO BE TRIED**

**SUBMITTED IN SUPPORT OF PLAINTIFF'S SUPPLEMENTAL OPPOSITION TO
DEFENDANTS' MOTION FOR SUMMARY JUDGEMENT
BASED ON STATUTE OF LIMITATIONS**

Plaintiff Orange County Water District's (the "District") supplemental Rule 56.1 Statement in opposition to the motion for summary judgment regarding statute of limitations is structured as follows: (1) a heading indicating the relevant Bellwether Plume; (2) a description of wells designated for that plume; (3) when MTBE was detected in each well; (4) facts relevant to individual gasoline station designated for the relevant plume.

BELLWETHER PLUME NO. 1:

1. The District identified public drinking water well NB-TAMD in designating Bellwether Plume No. 1. (O'Reilly Decl., Ex. 1, April 30, 2007, Letter from T. O'Reilly to J. Anderson ("Bellwether Plume Designation").) MTBE was first detected in NB-TAMD on August 23, 2005. (O'Reilly Decl., Ex. 2, Plaintiff Orange County Water District's Supplemental Responses to Defendants' Preliminary Interrogatories re Standing (Jan. 9, 2006) at Exhibit 1A ["Friedman Bruya"] "OCWD Interrogatory Response".)

2. NB-TAMD is an active production well, which pumps approximately 3200 gallons per minute ("gpm"). (Bolin Decl., ¶ 5.) MTBE was first detected in NB-TAMD on August 23, 2005. (*Ibid.*) Stations designated for the Plume associated with well NB-TAMD (Plume 1) are generally upgradient of NB-TAMD and/or within the predicted capture zone of the well. (*Ibid.*) Gasoline containing MTBE was released at each of the designated stations with respect to this plume, but was being remediated at each of the stations. (*Ibid.*) Before MTBE was detected in NB-TAMD, OCWD assumed that the responsible party would make reasonable efforts to



Table 1.) On October 15, 2006, Chevron's consultant submitted an additional workplan which was intended to "delineate the vertical extent of the petroleum hydrocarbons in the soil beneath the site . . ." (O'Reilly Decl., Ex. 31, *supra*, at 3.)

55. Arco #3085, 3361 South Bristol Street, Santa Ana:

- a. In May 2001, the Santa Ana Regional Water Quality Control Board ordered Arco to conduct an "assessment . . . to define the extent of petroleum hydrocarbons in groundwater that have migrated from the site." (O'Reilly Decl., Ex. 33, May 30, 2001, Letter from Santa Ana Regional Water Quality Control Board ("SARWQCB") to D. Fah, Arco Products Company [AROCWD308501613].)
- b. According to Arco, active remediation at this site began in July 2003 and is still ongoing. (O'Reilly Decl., Ex. 4, Arco Interrogatory Response at pp. 21-22.)

BELLWETHER PLUME NO. 9:

56. The District identified public drinking water wells HB-1, HB-13, HB-4, and HB-7 in designating Bellwether Plume No. 9. (O'Reilly Decl., Ex. 1, Bellwether Plume Designation.)

57. HB-1, HB-13, HB-4, and HB-7 are active production wells that pump approximately 350 gpm (HB-1), 2,500 gpm (HB-13), 450 gpm (HB-4), and 3,200 gpm (HB-7). (Bolin Decl., ¶ 13.) Although MTBE has not yet been detected in these wells, stations designated for the Plume associated with wells HB-1, HB-13, HB-4, and HB-7 (Plume 9) are generally upgradient of HB-1, HB-13, HB-4, and HB-7 and/or within the predicted capture zone of the wells. (*Ibid.*) Gasoline containing MTBE was released at each of the designated stations with respect to this plume, but was being remediated at each of the stations. (*Ibid.*) OCWD examined investigation and remediation information for each of the stations designated for the plume and concluded that MTBE and/or TBA has, more probably than not, escaped remediation capture at one or more of these stations. (*Ibid.*)

58. The District identified the following gasoline stations in designating Bellwether Plume No. 9: Chevron #9-5401, 5992 Westminster Avenue, Westminster; Unocal #5123, 14972 Springdale Street, Huntington Beach; Shell #6502, 6502 Bolsa Avenue, Huntington Beach; Thrifty #368, 6311 Westminster Boulevard, Westminster; Unocal #5226, 6322 Westminster Avenue, Westminster; Westminster Shell, 5981 Westminster Avenue, Westminster; Huntington Beach Arco, 6002 Bolsa Avenue, Huntington Beach; and USA Gasoline #11, 14600 Edwards Street, Westminster. (O'Reilly Decl., Ex. 1, Bellwether Plume Designation.)

59. **Chevron #9-5401, 5992 Westminster Avenue, Westminster:**

- a. Tertiary Butyl Alcohol ("TBA") was first detected in groundwater monitoring wells at this site on January 10, 2001. (O'Reilly Decl. Ex34, Dec. 14, 2006, Fourth Quarter 2006 Groundwater Monitoring and Status Report at p. 11 of Table 2 [MW-10].) On April 22, 2002, concentrations of all gasoline constituents, including MTBE, rose

significantly in MW-10 which is the groundwater monitoring well closest to the gasoline dispensers. (*Id.* at p. 11 of Table 2 [MW-10] and Figure 4.)

60. Unocal #5123, 14972 Springdale Street, Huntington Beach:

- a. In April, 1987, 400 tons of contaminated soil were removed during replacement of the USTs. (O'Reilly Decl., Ex. 35, Sept. 2007, Well Installation Report, ENSR at 3.) In June 1992, a groundwater extraction and free-product recovery system was installed and started. (*Id.* at 4.) By April 1995, the gasoline station was demolished and the USTs were removed. (*Ibid.*) On April 10, 2002, a Dual-Phase Extraction system was started and continues to operate. (*Id.* at 2, 4.)
- b. A document from Unocal's Site Remediation Files demonstrates that as early as 1998 Unocal's consultant and the Orange County Health Care Agency ("OCHCA") concluded that it was necessary to install off-site groundwater monitoring wells to determine if MTBE and other contaminants had moved off-site. (O'Reilly Decl., Ex. 36, Draft-Chronology of Events at 1-2 [UOC 122048 to UOC122050].) "Despite subsequent attempts to secure off-site access," Unocal still had not been able to obtain access to install off-site monitoring wells by the end of 1999. (*Id.* at 2.)
- c. On June 9, 2003, the OCHCA notified Unocal that this station was "a high priority case based on the close proximity to a large municipal domestic water supply well, the MTBE concentrations in both soil and groundwater, and the vertical and lateral extent of contamination." (O'Reilly Decl., Ex. 37, June 9, 2003, Letter from S. Sharp, OCHCA, to D. Bourgault, Unocal at 1 [CHEVMDL135800000558065].)

61. Shell #6502, 6502 Bolsa Avenue, Huntington Beach:

- a. From April 1990 to August 1992, a groundwater Pump-and-Treat system was operated. (O'Reilly Decl., Ex. 38, Oct. 9, 2007, Quarterly Status and Groundwater Monitoring Report, Third Quarter, 2007, Wayne Perry, Inc. at p. 2 of "Site History".) A Soil Vapor Extraction system was also operated until November 1991. (*Ibid.*)
- b. In June 1993, the groundwater Pump-and-Treat system was reactivated and operated until September 1996. (*Ibid.*)
- c. In July 1998, the groundwater Pump-and-Treat system was again reactivated and operated until September 1999. (*Id.* at p. 3 of "Site History".)
- d. In March 2000, soil excavation was completed after removal of the USTs. (*Id.* at p. 4 of "Site History".) A Corrective Action Plan for continued remediation of the site was submitted in September 2002. (*Ibid.*)

2002, an Interim Remedial Action Plan was submitted to the Santa Ana Regional Water Quality Control Board. (*Ibid.*) In April 2003, remedial excavation was conducted. (*Ibid.*)

- d. During the March 2002 USTs removal, personnel from the Santa Ana Regional Water Quality Control Board noted that "most of the samples [from the tank pit] had obvious discoloration & odors of gasoline present." (O'Reilly Decl., Ex. 50, March 14, 2002, Field Activity Description at p. 2 of 2.)

71. Four Star Ventures, 9356 Westminster Boulevard, Westminster:

- a. From January 2003 to May 2005, a soil vapor extraction and groundwater extraction system was in operation at this site. (O'Reilly Decl., Ex. 51, Feb. 22, 2007, Remedial System Progress Report, October 2006 through December 2006, Secor International Inc. at 1.) In September 1999, the only off-site groundwater monitoring well (MW-14) was installed at the site. (O'Reilly Decl., Ex. 52, Nov. 30, 2007, Quarterly Monitoring and Sampling Report, KCE Matrix at 1 and Figure 4.) The most significant concentrations of MTBE measured in MW-14 occurred on September 6, 2001, at 3,200 ppb and then again on December 23, 2004, at 2,400 ppb. (*Id.* at Table 2, Page 14 of 18.)
- b. In December 2005, the Orange County Health Care Agency advised the responsible party that "[t]he lateral extent of the . . . [MTBE and TBA] dissolved phase plume is not adequately defined down-gradient of the southwestern corner of the subject site. (O'Reilly Decl., Ex. 53, Dec. 5, 2005, Letter from A. Dietz, OCHCA, to G. Arslanyan at 1.)

Dated this 28th day of March, 2008.

Respectfully submitted,

By:

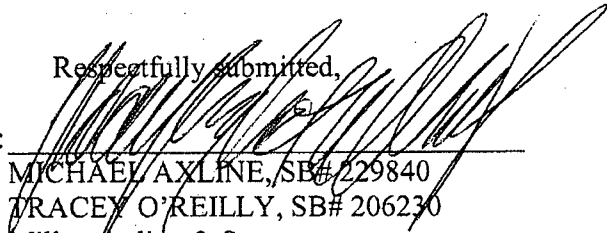

MICHAEL AXLINE, SB# 229840
TRACEY O'REILLY, SB# 206230
Miller, Axline & Sawyer
1050 Fulton Avenue, Suite 100
Sacramento, CA 95825
Phone: (916) 488-6688
Counsel for Plaintiff
The Orange County Water District

EXHIBIT 26

UNITED STATES DISTRICT COURT
SOUTHERN DISTRICT OF NEW YORK

ORANGE COUNTY WATER DISTRICT,)
)
Plaintiff,)
)
vs.) No. 04 CIV. 4968
)
UNOCAL CORPORATION, et al.,)
)
Defendants.)
)

VIDEOTAPED DEPOSITION OF KEITH VAN HOESEN
taken on behalf of the Plaintiff at
271 S. Lake Havasu Avenue, Lake Havasu City,
Arizona, commencing at 9:00 (9:09) a.m.,
Thursday, August 19, 2010, before Karen Kovacs,
RPR, CSR #6485, pursuant to Notice.



Page 6

1 MR. ANDERSON: This is Jeremiah Anderson from
 2 King & Spalding for the Chevron defendants.
 3 MR. MASSO: Jadd Masso, Strasburger & Price,
 4 for 7-11, Inc.
 5 MS. EPSTEIN: This is Joelle Epstein from Blank
 6 Rome for Lyondell.
 7 THE VIDEOGRAPHER: Thank you, Counsel.
 8 The court reporter may swear in the witness at
 9 this time, please.
 10 THE COURT REPORTER: Raise your right hand.
 11 Please.
 12 THE WITNESS: (Complying.)
 13 THE COURT REPORTER: Do you solemnly swear that
 14 the testimony you will give will be the truth, the whole
 15 truth, and nothing but the truth, so help you God?
 16 THE WITNESS: I do.
 17
 18 EXAMINATION
 19 BY MS. AUSTIN:
 20 Q. Good morning, again, and we decided we're going
 21 to use "Keith" for the record today.
 22 A. Okay.
 23 Q. Can you spell your last name?
 24 A. Yes. Capital, V-a-n, capital H-o-e-s-e-n. Two
 25 words.

Page 7

1 Q. And did we get your address right on your
 2 subpoena?
 3 A. Yes, you did.
 4 Q. And what's your phone number in case people
 5 want to call you later?
 6 A. It's area code (928)854-8995.
 7 Q. All right. And today I think we're here to
 8 talk about the Chevron No. 9-5401 on Westminster.
 9 A. That's correct.
 10 Q. You remember that station?
 11 A. Very well.
 12 Q. Okay. And can you give us the dates when you
 13 were associated with that station.
 14 A. I -- I purchased the station in July -- I
 15 believe it was July 7th of 1978 -- and I operated it
 16 through January --
 17 MR. ANDERSON: This is Jeremiah Anderson on the
 18 phone. We can't hear the deponent at all.
 19 MS. AUSTIN: All right. We're moving the phone
 20 closer.
 21 MR. ANDERSON: Thank you.
 22 MS. AUSTIN: Just pretend that's your dinner
 23 plate.
 24 THE WITNESS: Okay. And I operated it through,
 25 I believe January of 1994.

Page 8

1 Q. (BY MS. AUSTIN) Okay. And before the
 2 deposition started you mentioned you've been in a
 3 deposition before. But I kind of want to go over the
 4 rules of the road --
 5 A. Okay.
 6 Q. -- just to refresh your memory. The oath that
 7 you just took is the same oath you would take in a court
 8 of law. It does place you under penalty of perjury.
 9 You understand that?
 10 A. Yes, I do.
 11 Q. Okay. And because Karen's here taking down
 12 everything that we say, it's important that even though
 13 you know exactly where I'm going with the question, if
 14 you can wait until I finish and then answer the
 15 question, she gets a cleaner record.
 16 Okay?
 17 A. Okay.
 18 Q. And also, because Karen's trying to write
 19 things down, I understand what you mean when you shake
 20 your head, but it's really hard for her to write that so
 21 if you can keep your verbal responses, then that helps
 22 us, too.
 23 A. All right.
 24 Q. All right. Sometimes I'm a little unclear, at
 25 least in my own head. You may not understand a

Page 9

1 question. Let me know if that's the case --
 2 A. Okay.
 3 Q. -- and I'll try to clean it up.
 4 A. All right.
 5 Q. All right. Sometimes we'll be talking about
 6 things that happened a long time ago. And so you seem
 7 to remember dates very well so far, but in the event
 8 that you don't remember an exact date, but you remember
 9 a year, for example --
 10 A. Okay.
 11 Q. -- we do want your best recollection, the best
 12 information you can recall.
 13 On the other hand, we don't want you to guess.
 14 So, for example, if you were to look around this room
 15 and I said how many phones are in this room, you could
 16 say there are two phones. Or if I wanted to know the
 17 length of this table, you could estimate that.
 18 A. Okay.
 19 Q. On the other hand, if I asked you --
 20 MR. ANDERSON: This is Jeremiah again. And I
 21 hate to interrupt, but it's basically we'll hear a bit
 22 of the question and then it will just go silent,
 23 although we were hearing the witness fine. I don't know
 24 if you can somehow position the phone so it faces the
 25 questioner a little bit more, but that would be very

3 (Pages 6 to 9)

Page 102

1 A. The biggest -- no. To answer your question,
 2 no.
 3 Q. Okay.
 4 A. And from my experience, being the one that did
 5 the books and so forth, there weren't losses because --
 6 just simply because we would have been right on top of
 7 them. This I really question where that information
 8 came from.
 9 Q. Well, it's from Chevron.
 10 A. Yeah. Yeah. I --
 11 Q. All right. Let me flip through my notes. I
 12 think we're just about done here. Were you ever aware
 13 of any remediation of contamination on the site?
 14 A. What does "remediation" mean?
 15 Q. Okay. And this would not necessarily be at the
 16 time when you were at the station, but perhaps when you
 17 were keeping in touch with -- was it Ray --
 18 A. Yeah.
 19 Q. -- Estrada?
 20 A. Yeah.
 21 Q. After you left, did you ever hear of Chevron
 22 coming out to clean up the soil or ground water at the
 23 station?
 24 A. No. Not from Ray, no.
 25 Q. Okay.

Page 103

1 A. The tide came in quite far on that station.
 2 Q. The tide being the ocean?
 3 A. Yes. And because the -- when they put the
 4 tanks in the -- back behind the station, they dug the
 5 hole and the next day there was water in it.
 6 Q. So you think the water table was fairly high
 7 there?
 8 A. Well, it was -- it would vary with the tide so
 9 I don't know if it was salt water. Probably not. But
 10 as the tide would come in aways, it must have displaced
 11 water back and forth because it did vary with the tides.
 12 Q. So when they had dug the hole for the UST's
 13 behind the station --
 14 A. Right.
 15 Q. -- you saw water during part of the day and not
 16 during other parts?
 17 A. That morning, yeah. They dug it, like, one
 18 afternoon or whatever, one day, and then, like, the next
 19 morning there was -- I don't know -- two feet or four
 20 feet or something. There was water in the hole.
 21 Q. And did they pump it out or did it subside on
 22 its own?
 23 A. It subsided back out on its own. And
 24 ultimately when they put those tanks in, they put what
 25 they called saddles on top of those to hold them down so

Page 104

1 they wouldn't pop out of the ground.
 2 Q. So the water wouldn't push them up?
 3 A. Yeah. Yes. So there was a lot of water
 4 activity in that area.
 5 Q. Do you know approximately how deep the holes
 6 were where the tanks were installed?
 7 A. I would say the tanks were probably seven feet
 8 in diameter, maybe, and so the hole was probably 15 feet
 9 would be my guess.
 10 Q. Okay.
 11 A. Would be my guess. Twelve to 15 feet.
 12 Okay. I think I'm done with my questions.
 13 MS. AUSTIN: Jeremiah, I assume you have a few.
 14 MR. ANDERSON: Yeah. Just a few.
 15 And, thank you, Mr. VanHoesen, for taking your
 16 time out today to be deposed in this matter. And I
 17 thoroughly appreciate your patience with having me on
 18 the phone. I think I just have a couple of questions
 19 for you.
 20 EXAMINATION
 21 BY MR. ANDERSON:
 22 Q. When you were an operator, Chevron 9-5401, did
 23 you understand that gasoline was dangerous?
 24 MS. AUSTIN: Objection. Overbroad; vague.
 25 Go ahead.

Page 105

1 THE WITNESS: Yes, I knew gasoline was
 2 dangerous from about age eight on.
 3 Q. (BY MR. ANDERSON) And I think you knew it was
 4 dangerous regardless of whether or not it contained MTBE
 5 or not?
 6 A. That is correct.
 7 MS. AUSTIN: Calls for speculation. Go ahead.
 8 THE WITNESS: That is correct, yes. I was
 9 raised on a farm where we gassed our own tractors,
 10 combines and things like that. So I was familiar from a
 11 very early age of how dangerous and flammable gasoline
 12 could be.
 13 Q. (BY MR. ANDERSON) And you understood at that
 14 time if you spilled gasoline, that you needed to clean
 15 it up?
 16 A. Absolutely. We had that -- those procedures
 17 in, ready for any spills.
 18 Q. Do you know whether or not any of the gasoline
 19 that Chevron provided your station contained MTBE while
 20 you were the operator?
 21 A. No, I do not.
 22 Q. Are you aware of any leaks in any of the
 23 underground storage tanks that were at Chevron 9-5401
 24 while you were the operator?
 25 A. No leaks that -- there were no leaks.

Page 114

1 Q. And equipment that had vapor recovery systems?

2 A. Right. Those were mandated so -- but, yes.

3 Q. Right, but they were things you wanted from a

4 business perspective as well; correct?

5 A. No.

6 Q. From the standpoint of saving you money by

7 recovering the vapor, that was important?

8 A. It was the customer's vapor, not mine.

9 Q. Okay.

10 A. So as their tank filled with liquid, that

11 liquid would push that vapor out of their tank and into

12 the atmosphere so it wasn't like -- I would have

13 preferred to not have had the vapor equipment from a

14 business standpoint --

15 Q. Uh-huh.

16 A. -- because it would have been less expensive to

17 maintain. The old-style nozzles were \$29 apiece. The

18 new ones were \$159 and more fragile. So from a business

19 standpoint I would have preferred to have just had the

20 single hose, the single nozzle, and let the vapor go

21 into the air from a purely business standpoint.

22 Q. Right. From a business standpoint of

23 environmental contamination costing money, it would have

24 been important to you to implement whatever measures you

25 could to avoid contamination; right?

Page 115

1 A. If it was something that cost me money, yes. I

2 mean, I would have been on the cutting edge.

3 Q. Right. So if Chevron knew of something that

4 you could have done to prevent contamination, which

5 would cost you money, that's something you would have

6 implemented; correct?

7 A. It would have been.

8 MR. ANDERSON: Objection. Calls for

9 speculation; incomplete hypothetical; assumes facts.

10 MS. AUSTIN: I'm all set, Jeremiah. If you

11 want any more questions there.

12 MR. ANDERSON: What was the answer? What was

13 the answer to your last question?

14 MS. AUSTIN: "It would have been."

15 MR. ANDERSON: Okay. Give me two minutes to

16 review my notes real quick.

17 MS. AUSTIN: Sure.

18 (Brief pause in the proceedings.)

19 MR. ANDERSON: I think that's all I have.

20 MS. AUSTIN: Okay. We're off the record.

21 THE VIDEOGRAPHER: This concludes the

22 videotaped deposition of Keith VanHoesen. Time is

23 approximately 11:41 a.m.

24 MR. ANDERSON: Thanks again and appreciate your

25 time.

Page 116

1 MS. AUSTIN: Staying on the record for just one

2 moment.

3 The standard stipulation, as I understand it,

4 that the court reporter will get a transcript to

5 Mr. VanHoesen.

6 Am I even close?

7 THE WITNESS: VanHoesen.

8 MS. AUSTIN: Keith is going to get a copy of

9 the written transcript and he'll have 30 days to review

10 and make changes. The original will come back to

11 Miller, Axline & Sawyer. In the event of destruction or

12 disappearance of the transcript, a copy may be used in

13 its place.

14 Am I missing anything? So stipulated?

15 MR. ANDERSON: No. I mean, the only thing I

16 would say is if you get back an errata sheet, that you

17 forward it to Counsel.

18 MS. AUSTIN: Yes. Thank you. That's it. All

19 right.

20 We're off the written record too, then.

21 MR. ANDERSON: Thank you.

22 (The videotaped deposition was concluded at

23 11:41 a.m.)

24 * * * *

25

Page 117

1 DEPONENT CERTIFICATE

2

3 I, Keith VanHoesen, hereby certify that I have

4 read the foregoing videotaped deposition and that said

5 videotaped deposition is true and correct, with the

6 exception of the following corrections:

7 Page Line Correction

8

9

10

11

12

13

14

15

16

17

18

19

20 DATE KEITH VAN HOESEN

21 Subscribed and sworn before me this

22 day of ,

23

24

25 Notary Public

Page 118

CERTIFICATE OF REPORTER

I, Karen Kovacs, a Certified Reporter in and
for the State of Arizona, California and Nevada do
hereby certify:

That prior to being examined, the witness named
in the foregoing videotaped deposition was duly sworn by
me to testify to the truth, the whole truth, and nothing
but the truth.

That the said videotaped deposition was
reported by me at the time and place herein named and
was thereafter reduced to this transcript under my
direction.

That the foregoing is a true and correct
transcript of all proceedings had upon the taking of
said videotaped deposition, all done to the best of my
skill and ability.

I further certify that I am not interested in
the events of this action.

Dated this 30th day of August, 2010.

Pursuant to request, notification was provided
that the videotaped deposition is available for review
and signing.

Karen Kovacs, RPR, Arizona Certified
Reporter No. 50175, California Certified
Court Reporter No. 6485, Nevada Certified

EXHIBIT 27

Page 1

IN THE UNITED STATES DISTRICT COURT
SOUTHERN DISTRICT OF NEW YORK

---o0o---

ORANGE COUNTY WATER DISTRICT,

Plaintiff,

vs.

No. 04 CIV. 4968

UNOCAL CORPORATION, et al.,

Defendants.

---o0o---

VIDEO-RECORDED DEPOSITION OF

ROBERT D. RISNER, JR.

MEDFORD, OREGON

MONDAY, AUGUST 30, 2010

1:19 P.M.

---o0o---

Reported by:

LAURA L. SMITH, RPR, OR CSR #97-0340, CA CSR #2731



Page 10

1 verbal response, but I'm letting you know in advance --
 2 A Okay.
 3 Q -- that that might happen.
 4 And if the answer to my question isn't precise but
 5 you have a reasonable estimate, I'm entitled to reasonable
 6 estimates, even if you don't have absolute knowledge.
 7 A Okay.
 8 Q Is that fair?
 9 A Yes.
 10 Q Okay. So you have been handed, before the
 11 deposition, what's marked as Deposition Exhibit 1, which is
 12 the deposition notice.
 13 Do you have that in front of you?
 14 A Yes, I do.
 15 Q Can you pull that out for a minute and I just want
 16 to ask you some preliminary questions about this.
 17 Now, you received this notice prior to today's
 18 deposition?
 19 A Yes.
 20 Q And did you have a chance to review it?
 21 A Yes.
 22 Q So you know generally what the subject matter of
 23 the deposition is?
 24 A Yes.
 25 Q There are a lot of documents that are listed in

Page 11

1 this deposition. Did you have a chance to search for any
 2 documents that would be responsive to this list of
 3 documents?
 4 A Yes, I did, and I do not have any of the -- these
 5 documents at all.
 6 Q Okay. So you have no responsive documents.
 7 A Yeah.
 8 Q Okay. And if you look on -- well, paragraph number
 9 seven in the notice, there are a list -- well, let's take a
 10 look at paragraph one, I'm sorry, it's the same list as
 11 paragraph one.
 12 There are a list of, um, service stations there.
 13 A Yes.
 14 Q And did you have a chance to review that list?
 15 A Yes.
 16 Q And are any of these service station addresses
 17 familiar to you?
 18 A Z, the 5992.
 19 Q Z: 5992?
 20 A Westminster Boulevard, or Westminster, Westminster,
 21 California.
 22 Q Okay. And is that the only one?
 23 A Yes.
 24 Q Well, I'll be asking you some questions about that
 25 station today.

Page 12

1 A Okay.
 2 Q So now, if you'll take a look at what's been marked
 3 as Deposition Exhibit 2, that is a map --
 4 A Yes.
 5 Q -- it's not the best map, but it is a map that is
 6 -- if you'll look down at the lower right-hand corner,
 7 you'll see some letters and numbers. This one has
 8 CHEVMDL1358; do you see that?
 9 A Yes.
 10 Q And then it's got, let's see, five zeros, followed
 11 by 563139.
 12 Do you see that?
 13 A Yes
 14 Q Those -- I'll represent to you that those numbers
 15 are commonly referred to as Bates numbers, and as I'm
 16 asking you about documents in this deposition, I may ask
 17 you to look at the Bates number on documents so that when
 18 people are looking at this deposition or reading it later,
 19 they will know which documents, precisely, we are talking
 20 about at that point in the deposition.
 21 A Okay.
 22 Q Okay. So this particular document is Bates
 23 numbered five zeros, and then 563139, and it is labeled,
 24 Figure One, Vicinity Map, Chevron Service Station 9-5401
 25 5992 Westminster Boulevard, Westminster, California.

Page 13

1 Do you see that?
 2 A Yes.
 3 Q Is that the service station that you said you
 4 recognized on this list?
 5 A Yes.
 6 Q And tell me why you are familiar with this station?
 7 A I worked -- the dealer of record at that station,
 8 when I worked there, was Keith VanHoesen --
 9 Q Uh-huh.
 10 A -- and I worked for Keith, in different capacities,
 11 from September of 1980 through sometime, mid-1994, end of
 12 '94, somewhere around there.
 13 Q Mid-1994. Okay, so about 14 years?
 14 A Yes.
 15 Q And does this map generally depict the location of
 16 that station, as you understand it, within the city of
 17 Westminster?
 18 A Yes, right at the corner of Westminster and
 19 Springdale.
 20 Q Okay. So maybe we could start by having you tell
 21 me what role you played when you worked at this station,
 22 beginning in September of 1980, and then going through
 23 mid-1994.
 24 A Keith had another station, too, in Anaheim, and
 25 actually, that's where I started.

4 (Pages 10 to 13)

Page 30

1 Q So do you know who owned the underground storage
2 tanks at the station?
3 A Yeah, it was Chevron.
4 Q It was Chevron?
5 A Yeah, we leased the facility, Keith VanHoesen
6 leased the facility from Chevron.
7 Q So was it Chevron's responsibility, in your
8 understanding, to maintain those underground storage tanks?
9 MR. ANDERSON: Objection, foundation, calls for a
10 legal conclusion.
11 THE WITNESS: My understanding of it was that they
12 would come out on an annual basis and test the tanks. It
13 was our responsibility to monitor them on a daily basis
14 and, obviously, then notify them if there were any issues
15 that way.
16 BY MR. AXLINE:
17 Q Uh-huh.
18 A That was my understanding of it.
19 Q Okay. And was there a point in time where Chevron
20 began monitoring those tanks, inventorying those tanks on
21 an electronic basis?
22 A I believe, after the remodel was done, there was an
23 electronic monitoring of it.
24 Q Uh-huh.
25 A Not being at that location a lot, at that point,

Page 31

1 um, because of it being a small store, um, I may -- it's a
2 possibility I could be confusing that with another
3 location, too, but that's, uh, a very good, you know -- I
4 know that it was added at other locations, so --
5 Q Well, even after that was added at other locations,
6 did you continue to conduct your own inventory monitoring
7 or was that turned over to Shell (sic) when electronic
8 monitors were installed?
9 A No, that was still ours. The electronic monitoring
10 was just an assistant for us to do the same job, basically.
11 Q But let's talk about the station that you recall
12 where electronic monitoring did occur.
13 A Okay.
14 Q And was it your understanding that the electronic
15 monitoring would send information to Chevron remotely about
16 what was happening with the inventory in each underground
17 storage tank?
18 A Not that I recall, no. I don't believe -- I don't
19 recall that that was connected at all. It was just at
20 location.
21 Q And how would the information gathered by the
22 electronic monitor then be obtained by Chevron?
23 MR. ANDERSON: Objection, foundation.
24 THE WITNESS: It would have either had to have been
25 retrieved out of that location or from us --

Page 32

1 BY MR. AXLINE:
2 Q Uh-huh.
3 A -- you know, as far as the readings that we were
4 getting from that or, um, you know, if they were to visit
5 the location.
6 Q So I'm trying to understand exactly how that worked
7 at the stations where electronic monitoring occurred. And
8 it sounded to me, from your last answer, as if you were
9 saying that both you and Chevron would check the same
10 electronic monitor?
11 A We would -- we would check it if it also included,
12 you know, an electronic version of a stick reading, you
13 know, to where it would tell you how much gas was in the
14 tank.
15 If I recall correctly, too, there would be, you
16 know, if there was a breach of any, you know, depending on
17 the monitoring system, if there were a breach, then an
18 alarm would sound and we would have notified Chevron if
19 that would have been the case.
20 Q I see. So electronic monitoring not only recorded
21 volume but also, um, alerted, electronically, if there was
22 an identified breach?
23 A Yeah, if -- if that system had that. There's --
24 you know, during my tenure in that, I mean, we went from
25 steel tanks to single-wall fiberglass tanks to double-wall

Page 33

1 fiberglass tanks, so there is -- there may be some
2 confusion on my part on which station had what, too.
3 Q Uh-huh.
4 A But I know with the -- the double-wall fiberglass
5 tanks, there were monitoring in that, in that second wall,
6 that if fuel would have been able to get into there, then
7 it would have triggered the monitoring system.
8 Q And what period of time were the double-walled
9 fiberglass tanks installed?
10 A I don't recall at the Westminster facility, if that
11 was single- or double-walled, but it would have been at
12 that point, or if that, um, by the early '90s, if not, you
13 know, before.
14 Q And was that work performed by Chevron?
15 A Yes.
16 Q At Chevron's expense?
17 A Yes.
18 Q Could you take a look at Exhibit 3 again? This is
19 the site plan that we referenced earlier that is
20 denominated, Bates number 564008.
21 In the legend box, in the upper right-hand corner
22 there, um, there is a little graph that says, Sample, ID.
23 Do you see that?
24 A Yes.
25 Q And underneath that graph, it says, "Total

Page 78

1 REPORTER'S CERTIFICATE

2 STATE OF OREGON)

) ss.

3 COUNTY OF JACKSON)

4 I, LAURA L. SMITH, a Certified Shorthand Reporter
5 and Notary Public for the State of Oregon, do hereby
6 certify:

7 That the witness, ROBERT D. RISNER, JR., was
8 present at the time and place herein set forth and was by
9 me sworn to testify as to the truth;

10 That the said proceedings were recorded
11 stenographically by me and were thereafter transcribed
12 under my direction via computer-assisted transcription;

13 That the foregoing transcript is a true record of
14 the proceedings which then and there took place;

15 That I am a disinterested person to said action.

16 IN WITNESS WHEREOF, I have affixed my seal and
17 subscribed my name on September 5, 2010.

18

19

20

21

22

23

24

LAURA L. SMITH, Notary Public
CSR NO. 97-0340

25

EXHIBIT 28



**CONESTOGA-ROVERS
& ASSOCIATES**

175 Technology Drive, Suite 150, Irvine, California 92618
Telephone: 949-648-5200 Facsimile: 949-648-5299
www.CRAworld.com

October 22, 2010

Reference No. 632288

Ms. Julie Wozencraft
Orange County Health Care Agency
Environmental Health Division
1241 East Dyer Road, Suite 120
Santa Ana, California 92705-5611

Re: Third Quarter 2010 Groundwater Monitoring Report
Chevron Service Station 9-5401
5992 Westminster Boulevard
Westminster, California 92683
Case # 96UT035

Dear Ms. Wozencraft:

Conestoga-Rovers & Associates (CRA), on behalf of Chevron Environmental Management Company (Chevron), is submitting this *Third Quarter 2010 Groundwater Monitoring Report* for active Chevron Service Station 9-5401, located at 5992 Westminster Boulevard in Westminster, California (site). This report presents an abbreviated site summary, an explanation of the current quarter's activities, and a description of upcoming activities for forth quarter 2010.

SITE BACKGROUND

Site Description: The site is located on the southwest corner of Westminster Boulevard and Springdale Street in Westminster, California (Figure 1). The site is an active station consisting of a station building, three gasoline underground storage tanks (USTs), one diesel UST, and three product dispenser islands (Figure 2). The surrounding properties are commercial and residential. Directly across Westminster Avenue to the north is a former Shell Service Station (Orange County Health Care Agency [OCHCA] Case No. 93UT052), and northeast across the intersection is a former Exxon service station (OCHCA Case No. 92UT067).

Site Geology and Hydrogeology: The site is approximately 29 feet above mean sea level (msl), and is underlain by poorly graded sand, silt, and clay.¹ A 6- to 9-foot thick clay layer exists approximately 21 feet below grade (fbg), and is underlain by sand and silty sand. It is likely

¹ United States Geological Survey (USGS), 1981, Los Alamitos Quadrangle, California-Orange County, 7.5-Minute Series (Topographic); Scale 1:24,000.

EXHIBIT

28

Equal
Employment
Opportunity Employer

Worldwide

struction, and IT Services



**CONESTOGA-ROVERS
& ASSOCIATES**

October 22, 2010

Reference No. 632288

- 6 -

CRA appreciates the opportunity to work with OCHCA on this project. Please contact Derek Wilken or Jim Schneider at (949) 648-5200 if you have any questions or require additional information regarding this site.

Respectfully Submitted,

CONESTOGA-ROVERS & ASSOCIATES

Angela Ribeiro

TS/cg/12
Encl.

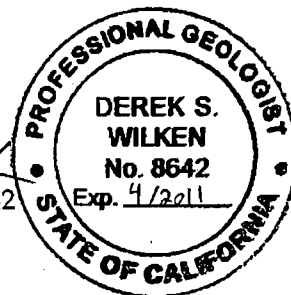
Derek Wilken, PG 8642

Figure 1	Vicinity Map
Figure 2	Site Plan
Figure 3	Groundwater Contour Map (Zone 1)
Figure 4	Groundwater Contour Map (Zone 2)
Figure 5	TPHg Isoconcentration Map
Figure 6	Benzene Isoconcentration Map
Figure 7	MTBE Isoconcentration Map
Figure 8	TBA Isoconcentration Map
Table 1	Current Groundwater Analytical Data
Table 2	Historical Groundwater Analytical Data
Table 3	Well Construction Details
Table 4	Natural Attenuation Parameters
Attachment A	BTS Field Data Sheets, Waste Manifest, and Permit to Work
Attachment B	Laboratory Analytical Report
cc:	Stacie Frerichs, Chevron Tom Mbeke-Ekanem, Santa Ana Regional Water Quality Control Board

TABLE 2

HISTORICAL GROUNDWATER ANALYTICAL DATA
CHEVRON STATION 9-5401
5992 WESTMINSTER BOULEVARD
WESTMINSTER, CALIFORNIA

Well ID	Date Sampled	Top of Casing Elevation (feet above nsl)	Depth to Groundwater (feet)	Groundwater Elevation (feet above nsl)	TPH _g (µg/L)	TPH _d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- Benzene (µg/L)	Total Xylenes (µg/L)	MTBE 8260 (µg/L)	MTBE 8020/8021 (µg/L)	ETBE (µg/L)	DIPE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-02 cont.	11/13/02	31.30	12.37	18.93	96 J	-	<1	<1	<1	<1	180	-	<2	<2	2.1 J	12 J	-
	02/12/03	31.30	12.12	19.18	99 J	-	<2	<2	<2	<2	280	-	<4	<4	<4	63	-
	05/05/03	31.30	11.83	19.47	100	-	<2	<2	<2	<2	300	-	<4	<4	<4	<20	-
	08/08/03	31.30	11.93	19.37	1,000 J	-	<20	<20	<20	<20	1,200	-	<40	<40	<40	<200	-
	11/04/03	31.30	12.11	19.19	2,600	-	<10	<10	<10	<10	4,300	-	<20	<20	45 J	160 J	-
	02/10/04	31.30	11.92	19.38	1,100	-	<10	<10	<10	<10	1,800	-	<20	<20	21 J	<100	-
	05/18/04	31.30	11.88	19.42	<5000	-	<100	<100	<100	<100	950	-	<200	<200	<200	<1000	-
	08/10/04	31.30	12.00	19.30	400	-	<1	<1	<1	<1	960	-	<2	<2	10	990	-
	11/03/04	31.30	11.85	19.45	250	-	<1	<1	<1	<1	430	-	<2	<2	4.5 J	920	-
	02/28/05	31.30	10.68	20.62	300 J	-	<5	<5	<5	<5	630	-	<10	<10	<10	<50	-
	05/11/05	31.30	10.34	20.96	<50	-	<1	<1	<1	<1	<2	-	<2	<2	<2	<10	-
	08/23/05	31.30	10.47	20.83	<50	-	29 J	19 J	<1	2 J	<2	-	<2	<2	<2	<10	-
	11/03/05	31.30	10.94	20.36	<50	-	<0.28	<0.36	<0.25	<0.52	8.2	-	<0.28	<0.25	<0.33	27	-
	02/06/06	31.30	11.11	20.19	<1000	-	<2.8	<3.6	<2.5	<50	880	-	<2.8	<2.5	<50	2,200	-
	05/15/06	31.30	10.80	20.50	320	-	<0.5	<0.5	<0.5	<0.5	270	-	<0.5	<0.5	2 J	970	-
	08/07/06	31.30	11.03	20.27	110	-	<0.5	<0.5	<0.5	<0.5	100	-	<0.5	<0.5	0.5 J	530	-
	10/31/06	31.30	11.25	20.05	98	-	<0.5	<0.5	<0.5	<0.5	100	-	<0.5	<0.5	0.5 J	450	-
	04/27/07	31.30	11.55	19.75	200	-	<0.5	<0.5	<0.5	<0.5	230	-	<0.5	<0.5	2	570	-
	09/25/07	31.30	11.33	19.97	<22	-	<0.5	<0.5	<0.5	<0.5	19	-	<0.5	<0.5	<0.5	12	-
	12/17/07	31.30	11.96	19.34	<22	-	<0.5	<0.5	<0.5	<0.5	15	-	<0.5	<0.5	<0.5	4 J	-
	03/12/08	29.73	11.53	18.20	88	-	<0.5	<0.5	<0.5	<0.5	69	-	<0.5	<0.5	<0.5	480	-
	06/17/08	29.73	11.66	18.07	<22	-	<0.5	<0.5	<0.5	<0.5	3	-	<0.5	<0.5	<0.5	<2	-
	09/09/08	29.73	11.73	18.00	<22	-	<0.5	<0.5	<0.5	<0.5	16	-	<0.5	<0.5	<0.5	<2	-
	12/11/08	29.73	11.88	17.85	25 J	-	<0.5	<0.5	<0.5	<0.5	14	-	<0.5	<0.5	<0.5	<2	-
	03/18/09	29.73	11.57	18.16	40 J	-	<0.5	<0.5	<0.5	<0.5	15	-	<0.5	<0.5	<0.5	<2	-
	06/10/09	29.73	11.57	18.16	<22	-	<0.5	<0.5	<0.5	<0.5	9	-	<0.5	<0.5	<0.5	<2	-
	09/08/09	29.73	11.80	17.93	<22	-	<0.5	<0.5	<0.5	<0.5	12	-	<0.5	<0.5	<0.5	<2	-
	12/15/09	29.73	12.11	17.62	<22	-	<0.5	<0.5	<0.5	<0.5	8	-	<0.5	<0.5	<0.5	<2	-
	02/22/10	29.73	11.45	18.28	52	-	<0.5	<0.5	<0.5	<0.5	10	-	<0.5	<0.5	<0.5	350	-
	06/21/10	29.73	11.67	18.06	110	-	<0.5	<0.5	<0.5	<0.5	16	-	<0.5	<0.5	<0.5	990	-
	09/08/10	29.73	11.77	17.96	<22	-	<0.5	<0.5	<0.5	<0.5	3	-	<0.5	<0.5	<0.5	7	-
MW-03	03/05/97	30.72	9.93	20.79	1,100	-	6	8.8	0.8	1.8	-	54,000	-	-	-	-	-
	06/13/97	30.72	10.08	20.64	780	500	5.2	7.6	0.8	1.9	-	65,000	-	-	-	-	-
	09/12/97	30.72	10.38	20.34	6,300	-	<0.3	4.7	0.7	1.7	-	35,000	-	-	-	-	-

*, pH=4

TABLE 1

CURRENT GROUNDWATER ANALYTICAL DATA
CHEVRON SERVICE STATION 9-5401
5992 WESTMINSTER BLVD.
WESTMINSTER, CALIFORNIA

Well ID	Date Sampled	Top of Casing Elevation (feet above msl)	Depth to Groundwater (feet)	Depth of Well (feet)	Groundwater Elevation (feet above msl)	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)	MTBE (ug/L)	ETBE (ug/L)	DIPE (ug/L)	TAME (ug/L)	TBA (ug/L)	Comments
DW-1	09/08/2010	28.36	16.44	-	11.92	<22	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	3 J
DW-2	09/08/2010	29.73	17.97	-	11.76	<22	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2
DW-3	09/08/2010	27.70	15.78	-	11.92	<22	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2
MW-1	09/08/2010	28.36	11.65	22.23	16.71	<22	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2
MW-2	09/08/2010	29.73	11.77	20.06	17.96	<22	<0.5	<0.5	<0.5	<0.5	3	<0.5	<0.5	<0.5	<0.5	7 §§
MW-3	09/08/2010	27.70	10.93	19.74	16.77	<22	<0.5	<0.5	<0.5	<0.5	1	<0.5	<0.5	<0.5	<0.5	<2
MW-4	09/08/2010	29.88	10.71	19.50	19.17	160	<0.5	<0.5	<0.5	<0.5	1	<0.5	<0.5	<0.5	<0.5	2,200
MW-5	09/08/2010	29.56	9.26	19.43	20.30	<22	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	43
MW-6	09/08/2010	29.52	8.71	19.53	20.81	25 J	<0.5	<0.5	<0.5	<0.5	2	<0.5	<0.5	<0.5	<0.5	<2
MW-7	09/08/2010	29.66	8.89	21.23	20.77	29 J	<0.5	<0.5	<0.5	<0.5	10	<0.5	<0.5	<0.5	<0.5	<2
MW-8	09/08/2010	31.01	10.63	21.25	20.38	<22	<0.5	<0.5	<0.5	<0.5	7	<0.5	<0.5	<0.5	<0.5	<2
MW-9	09/08/2010	30.11	11.05	20.32	19.06	280	<0.5	<0.5	<0.5	<0.5	37	<0.5	<0.5	<0.5	<0.5	3,500
MW-10	09/08/2010	30.26	10.69	21.55	19.57	3,300	200	3	130	5	<0.5	<0.5	<0.5	<0.5	<0.5	120
MW-11	09/08/2010	30.56	10.22	23.41	20.34	<22	<0.5	<0.5	<0.5	<0.5	5	<0.5	<0.5	<0.5	<0.5	<2
MW-12	09/08/2010	31.32	11.30	22.75	20.02	<22	<0.5	<0.5	<0.5	<0.5	0.7 J	<0.5	<0.5	<0.5	<0.5	9
MW-13	09/08/2010	29.98	9.90	19.35	20.08	140	7	<0.5	3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	7
MW-14	09/08/2010	30.17	10.30	18.59	19.87	1,200	100	0.8 J	32	2	<0.5	<0.5	<0.5	<0.5	<0.5	60
MW-16	09/08/2010	27.24	10.62	20.01	16.62	-	-	-	-	-	-	-	-	-	-	-

Abbreviations and Notes:

msl = mean sea level

ug/L = micrograms per liter

< = Not detected at or below laboratory detection limit

§§ = The vial Submitted for Volatile analysis did not have a pH<2 at the time of analysis.

The pH of this sample was pH = 6.

J = Estimated value between method detection limit and laboratory reporting limit

TPHg = Total petroleum hydrocarbons as gasoline

MTBE = Methyl tertiary butyl ether

ETBE = Ethyl tertiary butyl ether

DIPE = Di-isopropyl ether

TAME = Tertiary amyl methyl ether

TBA = Tertiary butyl alcohol

EXHIBIT 29



The Benham Companies, LLC
A Wholly Owned Subsidiary

August 12, 2010

Mr. Tom Mbeke-Ekanem
California Regional Water Quality Control Board
Santa Ana Region
3737 Main Street, Suite 500
Riverside, CA 92501-3339

Subject: Submittal of 3rd Quarter 2010 Semi-annual Progress and Groundwater Monitoring Report

**Site: Chevron Service Station No. 9-1921
3801 South Bristol Street, Santa Ana, California
CRWQCB Case No. 083001181T**


Dear Mr. Mbeke-Ekanem:


On behalf of Chevron Environmental Management Company (CEMC), Benham, a Science Applications International Corporation (SAIC/Benham) Company and a wholly-owned subsidiary of SAIC, is pleased to submit this 3rd Quarter 2010 Semi-annual Progress and Groundwater Monitoring Report for the above-referenced site. Work performed during this quarter includes groundwater monitoring by Wayne Perry, Inc. Electronic Deliverable Format (EDF) files have been uploaded to the State Water Resources Control Board GeoTracker website. As per the Regional Water Quality Control Board (RWQCB) letter dated July 15, 2009, SAIC has reduced the groundwater sampling frequency to semi-annual sampling events conducted during the 1st and 3rd quarters only.

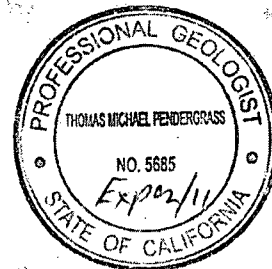
If you have any questions, please contact Mr. Steve Targanyan, the SAIC/Benham Project Manager, at (714) 257-6407, or Mr. Ian Robb, the CEMC Project Manager, at (925) 543-2375.

Respectfully submitted,

SCIENCE APPLICATIONS INTERNATIONAL CORPORATION


Amy Mora
Project Geologist


T. Michael Pendergrass
Professional Geologist No. 5685



Attachment 1 – 3rd Quarter 2010 Semi-annual Progress Report
Attachment 2 – 3rd Quarter 2010 Semi-annual Groundwater Summary
Attachment 3 – Tables
Attachment 4 – Plates
Attachment 5 – Hydrographs
Attachment 6 – Groundwater Sampling Procedures and Field Sheets
Attachment 7 – Laboratory Analyses and Chain of Custody Forms
Attachment 8 – Disposal Records

cc: Mr. Ian Robb, CEMC
Niloofar Kasmaei, CBRE – (CD-ROM)
Kim Le, CBRE – (CD-ROM)

SAIC/Benham Project File



This report is based upon records and verbal and written information made available to SAIC by CEMC and its subcontractors. Because the investigation consisted of collecting and evaluating a limited supply of information, SAIC may not have identified all potential items of concern and, therefore, SAIC warrants only that the project activities under this contract have been performed within the parameters and scope communicated by CEMC and reflected in the contract. SAIC has made no independent investigations concerning the accuracy or completeness of the information provided. This report is intended to be used in its entirety. Taking or using in any way excerpts from this report is not permitted and any party doing so does so at its own risk.
X:\CEMC Project files\9-1921 Santa Ana\Groundwater Monitoring Reports\2010\9-1921 3Q10 GWM Report.doc

Table 1. Current Groundwater Analyses and Gauging Results
Chevron Environmental Management Company
Chevron Service Station No. 9-1921
3801 South Bristol Street, Santa Ana, California

Well ID	Date Gauged	Screen Interval (ft bgs)	Top of Casing (ft MSL)	Depth to GW (ft bgs)	NAPL Thickness (feet)	GW Elevation (ft MSL)	Depth of Well (ft bgs)	Date Sampled	TPHg (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	ETBE (µg/L)	DIPE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-06R	7/1/2010	5.0-20	33.90	8.61	0	25.29	20.08	7/1/2010	17,000	5,100	100	680	120	170	ND<10	ND<10	ND<10	4,000	--
MW-09	7/1/2010	4.0-24.5	33.92	7.54	0	26.38	24.70	7/1/2010	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.8 J	ND<0.5	ND<0.5	ND<0.5	ND<2	--
MW-12	7/1/2010	4.0-24.5	34.62	12.97	0	21.65	25.02	7/1/2010	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	--
MW-13	7/1/2010	4.5-24.5	34.02	10.17	0	23.85	24.55	7/1/2010	110	2	ND<0.5	ND<0.5	ND<0.5	0.7 J	ND<0.5	ND<0.5	ND<0.5	770	--
MW-14	7/1/2010	4.0-24.5	33.59	8.07	0	25.52	24.06	7/1/2010	7,800	130	14	62	55	5	ND<1	ND<1	ND<1	200	--
MW-15	7/1/2010	6.0-36	33.79	11.00	0	22.79	34.26	7/1/2010	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	--
MW-16	7/1/2010	5.0-35	34.05	11.73	0	22.32	36.16	7/1/2010	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	--
MW-17	7/1/2010	5.0-21	35.04	8.19	0	26.85	23.61	7/2/2010	3,700	4	ND<0.5	0.7 J	ND<0.5	21	9	ND<0.5	ND<0.5	38,000	--
MW-18	7/1/2010	5.0-20	34.96	8.77	0	26.19	22.99	7/2/2010	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	2	ND<0.5	ND<0.5	ND<0.5	160	--
MW-19	7/1/2010	5.0-20	35.45	8.76	0	26.69	22.63	7/2/2010	1,900	99	ND<0.5	7	ND<0.5	7	6	ND<0.5	ND<0.5	12,000	--
MW-20	7/1/2010	5.0-20	35.31	8.86	0	26.45	22.57	7/2/2010	3,600	210	2	17	2	39	ND<0.5	ND<0.5	0.8 J	1,100	--
VEW-1	7/1/2010	5.0-20	35.31	8.85	0	26.46	22.47	7/2/2010	40,000	1,500	560	1,400	7,800	240	ND<1	ND<1	4	2,800	--
VEW-2	7/1/2010	6.0-21	35.30	9.71	0	25.59	23.55	7/2/2010	34,000	4,200	800	1,000	3,800	430	ND<5	ND<5	ND<5	5,800	--
VEW-3	7/1/2010	6.0-21	35.27	8.59	0	26.68	23.41	7/2/2010	71,000	11,000	9,100	2,100	11,000	130	ND<10	ND<10	ND<10	1,500	--
VEW-4	7/1/2010	7.0-22	35.07	9.18	0	25.89	24.72	7/2/2010	62,000	8,800	1,700	2,000	11,000	560	ND<5	ND<5	ND<5	1,300	--
Trip Blank	7/1/2010	--	--	--	--	--	--	7/1/2010	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	--
Rinsate	7/1/2010	--	--	--	--	--	--	7/1/2010	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	--
Trip Blank	7/2/2010	--	--	--	--	--	--	7/2/2010	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	--
Rinsate	7/2/2010	--	--	--	--	--	--	7/2/2010	ND<22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	--

Notes:

µg/L = Micrograms per liter
ND = Not detected

NAPL = Non-aqueous phase liquids

TPHg = Total petroleum hydrocarbons as gasoline analyzed by EPA Method 8260B

Benzene, toluene, ethylbenzene, and xylenes (collectively termed BTEX) analyzed by EPA Method 8260B

MTBE = Methyl tertiary-butyl ether analyzed by EPA Method 8260B

ETBE = Ethyl tertiary-butyl ether analyzed by EPA Method 8260B

DIPE = Di-isopropyl ether analyzed by EPA Method 8260B

TAME = Tertiary-amyl methyl ether analyzed by EPA Method 8260B

TBA = Tertiary-butyl alcohol analyzed by EPA Method 8260B

J = denotes value between method detection limit and detection limit for reporting purposes

ft bgs = feet below ground surface

ft MSL = feet above mean sea level

Detected concentrations are shown in bold type



The Benham Companies, LLC
A Wholly Owned Subsidiary

Table 2. Historical Groundwater Analyses and Gauging Results
Chevron Environmental Management Company
Chevron Service Station No. 9-1921
3801 South Bristol Street, Santa Ana, California

Well ID	Date Gauged	Screen Interval (ft bgs)	Top of Casing (ft MSL)	Depth to GW (ft bgs)	NAPL Thickness (feet)	GW Elevation (ft MSL)	Depth of Well (ft bgs)	Date Sampled	TPHig (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	8020/8021 (µg/L)	MTBE (µg/L)	ETBE (µg/L)	DIPE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-05	6/2/1999	5-25	99.61	10.79	0.23	89.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.1 gallon of NAPL
MW-05	8/2/1999	5-25	99.61	11.42	0.29	88.42	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.1 gallon of NAPL
MW-05	10/25/1999	5-25	99.61	11.73	0.31	88.13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.1 gallon of NAPL
MW-05	11/20/2000	5-25	99.61	11.23	0.19	88.53	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.1 gallon of NAPL
MW-05	4/17/2000	5-25	99.61	10.85	0.16	88.89	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.01 gallon of NAPL
MW-05	7/18/2000	5-25	99.61	11.27	0.11	88.43	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.01 gallon of NAPL
MW-05	10/18/2000	5-25	99.61	12.00	0.39	87.92	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.04 gallon of NAPL
MW-05	1/16/2001	5-25	99.61	10.45	0.1	89.24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.01 gallon of NAPL
MW-05	6/4/2001	5-25	99.61	10.82	0.09	88.86	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NAPL while bailing
MW-05	9/4/2001	5-25	99.61	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Abandoned
MW-05R	2/25/2002	5-20	34.36	12.05	0	22.31	20.13	2/25/2002	188,000	25,900	41,400	3,220	18,500	--	1,420	ND<100	ND<100	ND<100	ND<100	ND<1,000	--
MW-05R	5/23/2002	5-20	34.36	11.19	0	23.17	--	5/23/2002	186,000	21,000	36,700	2,820	15,300	--	1,330	ND<250	ND<250	ND<250	ND<250	ND<2,500	NPS
MW-05R	8/26/2002	5-20	34.36	11.20	0.03	23.18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NAPL present
MW-05R	11/20/2002	5-20	34.36	9.72	0	24.64	20.14	11/20/2002	185,000	24,000	31,500	3,140	18,300	--	3,310	ND<10	ND<10	ND<10	ND<10	2,320	NPS
MW-05R	2/10/2003	5-20	34.36	10.76	0.03	23.62	--	--	--	--	--	--	--	--	--	--	--	--	--	--	product in well
MW-05R	5/30/2003	5-20	34.36	9.83	0	24.53	20.06	5/30/2003	160,000	22,000	29,000	2,400	15,000	--	3,500	ND<13	ND<13	ND<13	ND<13	3,300	NPS, HC sock in well
MW-05R	8/28/2003	5-20	34.36	10.25	0.01	24.12	28.33	--	--	--	--	--	--	--	--	--	--	--	--	--	Sheen, HC sock in well
MW-05R	11/6/2003	5-20	34.36	10.54	0	23.82	20.15	11/6/2003	110,000	23,000	25,000	3,100	18,000	--	4,600	ND<80	ND<80	ND<80	ND<80	5,400	Sheen, HC sock in well
MW-05R	2/22/2004	5-20	34.36	11.48	0	22.88	20.15	2/22/2004	95,000	23,000	19,000	3,100	18,000	--	5,300	ND<800	ND<800	ND<800	ND<800	4,500 J	Sheen, HC sock in well
MW-05R	4/12/2004	5-20	34.36	11.29	0	22.07	20.13	4/12/2004	75,000	21,000	14,000	3,600	20,000	--	3,000	ND<800	ND<800	ND<800	ND<800	5,500 J	Sheen, HC sock in well
MW-05R	7/20/2004	5-20	34.36	11.41	0	22.95	20.14	7/20/2004	150,000	27,000	13,000	3,600	20,000	--	7,600	ND<200	ND<200	ND<200	ND<200	5,900	Sheen, HC sock in well
MW-05R	10/18/2004	5-20	34.36	11.22	0	23.14	20.15	10/18/2004	91,000	24,000	9,900	3,800	22,000	--	5,700	ND<20	ND<20	ND<20	ND<20	6,400	NPS, HC sock in well
MW-05R	1/3/2005	5-20	34.36	10.26	0	24.10	20.15	1/3/2005	64,000	18,000	6,000	3,400	18,000	--	4,200	ND<200	ND<200	ND<200	ND<200	11,000	NPS, sheen
MW-05R	4/4/2005	5-20	34.36	8.04	0	26.32	20.13	4/4/2005	72,000	17,000	4,200	3,000	16,000	--	2,700	ND<200	ND<200	ND<200	ND<200	16,000	NPS, sheen
MW-05R	7/5/2005	5-20	34.36	8.88	0	25.48	20.15	7/5/2005	88,000	15,000	2,600	3,000	16,000	--	2,200	ND<400	ND<400	ND<400	ND<400	38,000	NPS
MW-05R	10/10/2005	5-20	34.36	11.09	0	23.27	20.16	10/10/2005	78,000	15,000	3,800	3,200	16,000	--	3,700	ND<28	ND<28	ND<28	ND<28	29,000	Clean HC sock in well
MW-05R	1/3/2006	5-20	34.36	10.80	0	23.56	20.13	1/3/2006	65,000	8,000	3,100	1,500	12,000	--	2,000	ND<25	ND<25	ND<25	ND<25	20,000	Sheen, HC sock in well
MW-05R	4/20/2006	5-20	34.36	8.06	0	26.30	20.15	4/20/2006	84,000	15,000	9,400	2,500	16,000	--	1,500	ND<10	ND<10	ND<10	ND<10	18,000	Sheen
MW-05R	7/18/2006	5-20	34.36	8.05	0	26.31	20.15	7/18/2006	80,000	12,000	4,200	2,300	15,000	--	730	ND<25	ND<25	ND<25	ND<25	36,000	Sheen
MW-05R	10/16/2006	5-20	34.36	8.66	0	25.70	20.10	10/16/2006	54,000	9,500	1,600	1,800	9,500	--	940	12 J	ND<10	ND<10	ND<10	35,000	--
MW-05R	1/2/2007	5-20	34.36	8.40	0	25.96	20.18	1/2/2007	41,000	11,000	660	1,300	5,600	--	800	10 J	ND<10	ND<10	ND<10	37,000	Sheen
MW-05R	4/12/2007	5-20	34.36	7.34	0	27.02	20.15	4/12/2007	83,000	17,000	2,300	3,000	16,000	--	1,000	ND<25	ND<25	ND<25	ND<25	29,000	Sheen
MW-05R	7/3/2007	5-20	34.36	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Well destroyed
MW-06	7/11/1991	5-25	99.86	13.59	0	86.27	--	7/11/1991	3,800	380	47	150	280	--	--	--	--	--	--	--	--
MW-06	10/4/1991	5-25	99.86	14.19	0	85.67	--	10/4/1991	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--	--
MW-06	12/20/1991	5-25	99.86	13.88	0	85.98	--	12/20/1991	700	3.2	0.5	ND<0.3	ND<0.6	--	--	--	--	--	--	--	--
MW-06	4/7/1992	5-25	99.86	11.86	0	88.00	--	4/7/1992	280	0.5	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--	--
MW-06	8/17/1992	5-25	99.86	13.46	0	86.40	--	8/17/1992	280	65	2.2	11	3.0	--	--	--	--	--	--	--	--
MW-06	10/15/1992	5-25	99.86	13.85	0	86.01	--	10/15/1992	ND<500	ND<0.3	ND<0.3	0.7	1.2	--	--	--	--	--	--	--	--
MW-06	2/26/1993	5-25	--	6.05	1.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-06	6/14/1993	5-25	99.86	11.48	0	88.38	--	6/14/1993	5,200	650	6.6	500	7.0	--	--	--	--	--	--	--	--
MW-06	8/9/1993	5-25	99.86	12.27	0	87.59	--	8/9/1993	1,500	480	9.8	62	20	--	--	--	--	--	--	--	--
MW-06	10/14/1993	5-25	99.86	12.58	0	87.28	--	10/14/1993	890	400	5.1	17	21	--	--	--	--	--	--	--	--
MW-06	2/15/1994	5-25	99.86	11.38	0	88.48	--	2/15/1994	1,800	240	18	180	55	--	--	--	--	--	--	--	--
MW-06	5/10/1994	5-25	99.86	10.89	0	88.97	--	5/10/1994	4,000	600	8.3	830	26	--	--	--	--	--	--	--	--
MW-06	8/15/1994	5-25	--	11.74	0	--	--	8/15/1994	980	37	22	52	5.4	--	--	--	--	--	--	--	--
MW-06	11/30/1994	5-25	99.86	11.90	0	87.96	--	11/30/1994	1,200	17	1.8	4.6	3.2	--	--	--	--	--	--	--	--
MW-06	2/15/1995	5-25	99.86	9.98	0	89.88	--	2/15/1995	3,900	370	25	460	110	--	--	--	--	--	--	--	--
MW-06	8/15/1995	5-25	99.86	10.98	0	88.88	--	8/15/1995	1,000	6.2	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--	--
MW-06	11/8/1995	5-25	99.86	11.76	0	88.10	--	11/8/1995	ND<0.3	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--	--
MW-06	2/13/1996	5-25	99.86	10.95	0	88.91	--	2/13/1996	3,200	100	ND<0.3	42	ND<0.6	--	--	--	--	--	--	--	--
MW-06	5/8/1996	5-25	100.03	10.64	0	89.39	--	5/8/1996	2,200	99	2.8	28	5.2	--	--	--	--	--	--	--	--
MW-06	7/23/1996	5-25	100.03	11.67	0	88.36	--	7/23/1996	1,600	100	26	9.4	77	25,000	--	--	--	--	--	--	--
MW-06	10/28/1996	5-25	100.03	11.96	0	88.07	--	10/28/1996	1,500	160	28	14	12	20,000	--	--	--	--	--	--	--
MW-06	1/28/1997	5-25	100.03	9.60	0	90.43	--	1/28/1997	10,000	200	120	160	200	50,000	--	--	--	--	--	--	--

Table 2. Historical Groundwater Analyses and Gauging Results
Chevron Environmental Management Company
Chevron Service Station No. 9-1921
3801 South Bristol Street, Santa Ana, California

Well ID	Date Gauged	Screen Interval (ft bgs)	Top of Casing (ft MSL)	Depth to GW (ft bgs)	NAPL Thickness (feet)	GW Elevation (ft MSL)	Depth of Well (ft bgs)	Date Sampled	TPH _g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	8020/8021 (µg/L)	ETBE (µg/L)	DIPE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-06	4/21/1997	5-25	100.03	10.40	0	89.63	--	4/21/1997	2,500	39	44	5.7	7.3	41,000	72,000	--	--	--	--	--
MW-06	4/21/1997	5-25	100.03	10.40	0	89.63	--	4/21/1997	3,200	39	35	6.9	11	43,000	--	--	--	--	--	--
MW-06	9/18/1997	5-25	100.03	11.58	0	88.45	--	9/18/1997	3,300	150	37	23	23	63,000	51,000	--	--	--	--	--
MW-06	12/17/1997	5-25	100.03	10.49	0	89.54	--	12/17/1997	3,700	650	38	130	55	140,000	90,000	--	--	--	--	--
MW-06	3/27/1998	5-25	100.03	7.50	0	92.53	--	3/27/1998	3,500	210	15	36	43	100,000	130,000	--	--	--	--	--
MW-06	6/4/1998	5-25	100.03	9.37	0	90.66	--	6/4/1998	8,500	720	33	140	120	220	190,000	--	--	--	--	--
MW-06	9/9/1998	5-25	100.03	10.70	0	89.33	--	9/9/1998	10,000	1,000	41	92	290	200,000	190,000	--	--	--	--	--
MW-06	12/1/1998	5-25	100.03	11.43	0	88.60	25.60	12/1/1998	104,368	458	31	13	24	40,840	110,000	--	--	--	--	--
MW-06	3/5/1999	5-25	100.03	10.88	0	89.15	25.61	3/5/1999	174,800 J	ND<150	ND<150	ND<150	ND<300	171,000	169,000	--	--	--	--	--
MW-06	6/2/1999	5-25	100.03	10.12	0	89.91	25.59	6/2/1999	107,400	ND<1,500	ND<1,500	ND<1,500	ND<3,000	102,200	130,800	--	--	--	--	--
MW-06	8/31/1999	5-25	100.03	10.64	0	89.39	25.55	8/31/1999	187,000	ND<30.0	ND<30.0	ND<30.0	ND<60.0	187,000	137,000	--	--	--	--	--
MW-06	10/25/1999	5-25	100.03	10.95	0	89.08	25.60	10/25/1999	154,000 J	638	ND<99.9	ND<99.9	ND<99.9	154,000	117,000	--	--	--	--	--
MW-06	2/3/2000	5-25	100.03	10.73	0	89.30	25.54	2/3/2000	110,000	416	39	14	12	107,000	92,000	--	--	--	--	--
MW-06	4/17/2000	5-25	100.03	9.68	0	90.35	25.56	4/17/2000	93,700	1,020	48	62	90	88,400	94,000	--	--	--	--	--
MW-06	7/18/2000	5-25	100.03	9.77	0	90.26	25.56	7/18/2000	178,000	1,060	43	137	75	105,000	130,000	--	--	--	--	--
MW-06	10/18/2000	5-25	100.03	10.09	0	89.94	25.61	10/18/2000	9,840	183 J	167 J	137	ND<500	--	12,400	ND<100	ND<100	ND<2000	--	--
MW-06	1/16/2001	5-25	100.03	8.29	0	91.74	25.59	1/16/2001	3,500	520	7.7	27	16	--	13,300	ND<1	830	59,100	--	--
MW-06	6/4/2001	5-25	100.03	8.41	0	91.62	25.60	6/4/2001	6,430	408	14 J	43	32 J	--	1,370	13	ND<10	182	40,300	--
MW-06	9/4/2001	5-25	100.03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Abandoned
MW-06R	2/25/2002	5.0-20	33.90	10.45	0	23.45	20.12	2/25/2002	119,000	8,830	29,000	2,720	16,300	--	551	ND<100	ND<100	ND<250	4,030	--
MW-06R	5/23/2002	5.0-20	33.90	10.05	0	23.85	20.12	5/23/2002	59,700	4,080	10,200	2,170	10,500	--	391	ND<250	ND<250	ND<250	ND<2500	NPS
MW-06R	8/26/2002	5.0-20	33.90	9.60	0	24.30	20.12	8/26/2002	22,100	1,450	1,030	605	4,450	--	ND<100	ND<100	ND<100	8,960	* well resurveyed	
MW-06R	11/20/2002	5.0-20	33.90	9.29	0	24.61	20.14	11/20/2002	23,900	1,640	588	664	2,420	--	208	ND<10	ND<10	15,400	NPS	
MW-06R	2/10/2003	5.0-20	33.90	9.86	0	24.04	20.12	2/10/2003	22,000	2,500	2,400	1,100	3,900	--	440	ND<40	ND<40	13,000	NPS	
MW-06R	5/30/2003	5.0-20	33.90	8.68	0	25.22	20.09	5/30/2003	14,000	1,500	280	270	680	--	160	9.0	ND<2	1.0 J	12,000	NPS
MW-06R	8/28/2003	5.0-20	33.90	9.12	0	24.78	20.15	8/28/2003	8,200	1,200	ND<50	170 J	230 J	--	110 J	ND<100	ND<100	13,000	NPS	
MW-06R	11/6/2003	5.0-20	33.90	9.39	0	24.51	20.15	11/6/2003	6,800	1,100	32 J	120	130	--	81	ND<20	ND<20	13,000	NPS	
MW-06R	2/2/2004	5.0-20	33.90	10.15	0	23.75	20.15	2/2/2004	10,000	2,000	99 J	590	970	--	140	ND<40	ND<40	12,000	NPS	
MW-06R	4/12/2004	5.0-20	33.90	10.13	0	23.77	20.13	4/12/2004	15,000	3,000	430	1,200	3,700	--	190 J	ND<80	ND<80	14,000	NPS	
MW-06R	7/20/2004	5.0-20	33.90	8.36	0	25.54	20.15	7/20/2004	11,000	1,900	37 J	110	110	--	110	ND<20	ND<20	13,000	NPS	
MW-06R	10/18/2004	5.0-20	33.90	9.02	0	24.88	20.24	10/18/2004	6,700	2,100	44	99	130	--	100	ND<2	ND<2	12,000	NPS	
MW-06R	1/3/2005	5.0-20	33.90	7.60	0	26.30	20.15	1/3/2005	5,900	1,600	46 J	140	130	--	67	ND<20	ND<20	8,200	NPS	
MW-06R	4/4/2005	5.0-20	33.90	6.86	0	27.04	20.08	4/4/2005	13,000	3,300	140	840	680	--	88	ND<40	ND<40	9,300	NPS	
MW-06R	7/5/2005	5.0-20	33.90	8.06	0	25.84	20.16	7/5/2005	10,000	1,900	52	170	140	--	88	ND<20	ND<20	9,200	NPS	
MW-06R	10/10/2005	5.0-20	33.90	8.46	0	25.44	20.15	10/10/2005	15,000	1,800	1,000	580	1,900	--	160	8.4 J	ND<2.5	8,300	NPS	
MW-06R	1/3/2006	5.0-20	33.90	7.76	0	26.14	20.14	1/3/2006	13,000	1,700	280	160	1,700	--	90	5	ND<0.5	0.8 J	8,400	--
MW-06R	4/20/2006	5.0-20	33.90	7.36	0	26.54	19.50	4/20/2006	17,000	2,700	410	630	2,200	--	120	5 J	ND<3	7,400	--	--
MW-06R	7/18/2006	5.0-20	33.90	7.70	0	26.20	20.15	7/18/2006	9,800	1,700	39	92	210	--	51	5 J	ND<1	8,300	--	--
MW-06R	10/16/2006	5.0-20	33.90	7.83	0	26.07	20.11	10/16/2006	7,100	1,600	31	39	100	--	38	ND<1	ND<1	7,400	--	--
MW-06R	1/2/2007	5.0-20	33.90	7.78	0	26.12	20.20	1/2/2007	8,400	1,600	41	62	110	--	38	4	ND<1	7,900	--	--
MW-06R	4/12/2007	5.0-20	33.90	7.01	0	26.89	20.15	4/12/2007	16,000	2,600	110	770	550	--	79	4 J	ND<2	6,700	--	Not sampled
MW-06R	7/3/2007	5.0-20	33.90	--	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-06R	1/22/2008	5.0-20	33.90	8.45	0	25.45	20.15	1/22/2008	13,000	1,600	65	660	140	--	41	ND<1	ND<1	1,000	--	--
MW-06R	4/7/2008	5.0-20	33.90	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Well not sampled
MW-06R	5/9/2008	5.0-20	33.90	8.85	0	25.05	24.86	5/9/2008	9,700	1,300	42	450	82	--	49	ND<2	ND<2	1,400	--	--
MW-06R	7/7/2008	5.0-20	33.90	8.82	0	25.08	20.14	7/7/2008	15,000	2,800	100	930	290	--	110	ND<3	ND<3	2,400	--	--
MW-06R	7/29/2008	5.0-20	33.90	9.01	0	24.89	20.15	--	--	--	--	--	--	--	--	--	--	--	--	Gauge only
MW-06R	10/6/2008	5.0-20	33.90	8.77	0	25.13	20.14	10/6/2008	15,000	2,800	87	780	240	--	92	ND<3	ND<3	3,400	--	--
MW-06R	1/6/2009	5.0-20	33.90	8.28	0	25.62	20.14	1/6/2009	19,000	4,600	170	1,900	490	--	150	ND<5	ND<5	2,600	Singer in well	--
MW-06R	4/6/2009	5.0-20	33.90	8.03	0	25.87	20.15	4/6/2009	18,000	4,200	140	1,600	520	--	140	ND<5	ND<5	4,400	Singer in well	--
MW-06R	7/1/2009	5.0-20	33.90	8.41	0	25.49	20.04	7/2/2009	19,000	4,100	140	1,400	420	--	140	3 J	ND<3	4,500	Singer in well	--
MW-06R	1/15/2010	5.0-20	33.90	8.62	0	25.28	20.16	1/15/2010	17,000	5,100	150	1,000	290	--	160	ND<5	ND<5	3,700	--	--
MW-06R	7/1/2010	5.0-20	33.90	8.61	0	25.29	20.08	7/1/2010	17,000	5,100	100	680	120	--	170	ND<10	ND<10	4,000	--	--
MW-07	7/11/1991	5-25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-07	10/4/1991	5-25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

EXHIBIT 30

UNITED STATES DISTRICT COURT
SOUTHERN DISTRICT OF NEW YORK

IN RE: METHYL TERTIARY BUTYL)
ETHER ("MtBE").)

MDL No. 1358 (SAS)

This Document Relates To:)
ORANGE COUNTY WATER DISTRICT)
v. UNOCAL CORPORATION, et al.,)
Case No. 04CIV.4968 (SAS))
_____)

DEPOSITION OF ROY L. HERNDON

Costa Mesa, California

Saturday, December 10, 2005

Volume

Reported by:
SHERYL HILTON MEYER

CSR No. 2852

JOB No. 181473



Page 138

1 A Yes.

2 Q What?

3 A Work of a similar nature to what Comex has done

4 in terms of reviewing site files, site data.

5 Q Within the district?

6 A Within the district.

7 Q With your own personnel, right?

8 A Yes.

9 Q Okay.

10 MR. MILLER: Counsel, it is 1:30 and --

11 MR. ANDERSON: Well, what time do you have?

12 Give me two more minutes. I've got 1:28.

13 MR. MILLER: That's fine.

14 MR. ANDERSON: Okay.

15 MR. MILLER: But I don't believe your watch

16 says that. I can see it.

17 MR. ANDERSON: My watch is slow, but my

18 Blackberry which is my --

19 MR. PARKER: One watch says 1:27, Duane.

20 MR. ANDERSON: I know this hasn't been wound

21 for a while, I guess, because I haven't been ranting.

22 MR. MILLER: Take your two minutes.

23 MR. ANDERSON: Okay.

24 MR. MILLER: And I don't want to miss my plane.

25 MR. ANDERSON: And I don't want you to either.

Page 139

1 MR. MILLER: Thank you.

2 BY MR. ANDERSON:

3 Q Under 8B it says "The district may expend

4 available funds to perform cleanup, abatement or remedial

5 work required under the circumstances." Okay. Has it

6 ever done so? Has it ever spent funds to perform

7 cleanup, abatement or remedial work with respect to any

8 MTBE site?

9 A This is actually implementation of cleanup,

10 abatement and remedial work.

11 Q Yeah, any of those.

12 A So as an example say installing monitoring

13 wells or collecting samples in your -- that is not part

14 of the question I take it.

15 Q I don't think of those as being cleanup,

16 abatement or remedial work.

17 A Okay. Just so I'm clear on that, yeah, we have

18 not undertaken or expended funds for those activities

19 relating to MTBE that I'm aware of.

20 Q Okay. Whether or not the board or the district

21 has actually spent money to do those things --

22 A Sure.

23 Q -- has the board of directors ever determined

24 that such effort was required by the magnitude of the

25 endeavor or the urgency of prompt action needed to

Page 140

1 prevent, abate or contain any threatened or existing

2 contamination of, or pollution to, the surface or

3 groundwaters of the district with respect to MTBE?

4 A I'd say the best example of the answer to being

5 yes to that is this lawsuit.

6 Q Okay. Bringing the lawsuit is what they have

7 decided to do?

8 A That is one thing they have decided to do, yes.

9 Q Okay. Other than bringing a lawsuit, has it

10 decided to do anything else under 8B?

11 MR. MILLER: Now he has to read the whole

12 paragraph which has several provisions as opposed to the

13 one you mentioned earlier. If you want him --

14 MR. ANDERSON: We'll limit it to the one that I

15 mentioned earlier that starts "The district may expend

16 available funds" and goes through the word "district" on

17 the sixth line, just that part of 8B.

18 MR. MILLER: Can I have just a moment? I need

19 to find where you are.

20 THE WITNESS: It's like the first sentence.

21 right?

22 BY MR. ANDERSON:

23 Q Yeah, I think it is all one sentence.

24 A Again taking a very strict interpretation of

25 actual cleanup and abatement or remediation, I'm not

Page 141

1 aware of where the district has spent money or made the

2 determination to go spend money to actually implement

3 those activities.

4 Q My question is a little bit narrower than that.

5 A Okay.

6 Q It was even if it hasn't spent the money --

7 A Oh, okay.

8 Q -- has it made the determination, you know,

9 that cleanup, abatement and remedial work is necessary?

10 MR. MILLER: Again other than bringing this

11 lawsuit?

12 MR. ANDERSON: Correct, other than bringing

13 this lawsuit.

14 THE WITNESS: I don't believe they've made that

15 determination.

16 MR. ANDERSON: We have an agreement to stop

17 now. We'll get back together. We've talked about maybe

18 early January, but Mr. Miller and I will negotiate all of

19 that as well as the other issues that Mr. Miller has.

20 THE WITNESS: Okay.

21 MR. ANDERSON: Thank you. Off the record.

22 THE VIDEOGRAPHER: This concludes videotape

23 number 2 and concludes the December 10, 2005 videotaped

24 deposition of Roy Herndon. The time is 1:32 p.m. on

25 December 10th, 2005, and we're off the record.

Page 142	Page 144
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
20	20
21	21
22	22
23	23
24	24
25	25

Page 143	
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	
24	
25	

EXHIBIT 31



16 September 2010

Ms. Denamarie Baker
Orange County Health Care Agency
Division of Environmental Health
1241 East Dyer Road, Suite 120
Santa Ana, California 92705-5611

RE: [Groundwater Monitoring and Remedial Progress Report
Third Quarter 2010 (7 May 2010 to 6 August 2010)
ExxonMobil Oil Corporation Service Station 18JMY
3470 Fairview Road
Costa Mesa, California 92626
OCHCA Case #94UT055]

Dear Ms. Baker:

ETIC Engineering, Inc. has prepared this Quarterly Groundwater Monitoring and Remedial Progress Report for ExxonMobil Environmental Services Company, on behalf of ExxonMobil Oil Corporation. This report has been modified based on correspondence between the OCHCA and ExxonMobil Environmental Services Company regarding the reduction in the content of quarterly reports. The contents of this report include:

Exhibit 1- Groundwater Monitoring Report

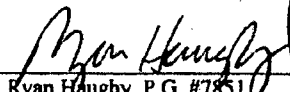
Quarterly Monitoring Report Summary Sheet
List of Standard Acronyms and Abbreviations
Attachment A Groundwater Figures
Attachment B Groundwater Tables
Attachment C Field Documents
Attachment D Laboratory Analytical Reports and Chain-of-Custody Documentation

Exhibit 2 - Remedial Progress Report

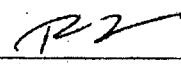
Quarterly Remedial Progress Report
Quarterly Remediation Summary Sheet
List of Standard Acronyms and Abbreviations
Attachment A Remediation Figures
Attachment B Remediation Tables
Attachment C Laboratory Analytical Reports and Chain-of-Custody Documentation
Attachment D Historical Data

Should you have any questions regarding this report, please contact Ms. Marla D. Madden, ExxonMobil Environmental Services Company, at (626) 432-5999 or the undersigned at (626) 432-5999.

Sincerely,


Ryan Haughy, P.G. #7851
Program Manager




Ross Inouye
Project Manager

cc: Ms. Marla D. Madden, ExxonMobil Environmental Services Company
Ms. Rose Scott, California Regional Water Quality Control Board, Santa Ana Region
Mr. Jeffrey Reese, C.J. Segerstrom and Sons
Mr. Ed Sirota, MFG, Inc.
Ms. Meg Rosegay, Esq.



TABLE I MONITORING SCHEDULE AND WELL CONSTRUCTION DETAILS,
 EXXONMOBIL OIL CORPORATION SERVICE STATION 18JMY,
 3470 FAIRVIEW ROAD, COSTA MESA, CALIFORNIA

Well Number	Well Activities				Date Installed	Well Location	Elevation TOC (feet)	Total Well Depth (feet bgs)	Borehole Diameter (inches)	Casing Diameter (inches)	Screened Interval (feet bgs)
	Gauge	Sample	Purge	LPH Removal							
BH5	1st/3rd	1st/3rd	P	N/A	08/08/91	Offsite	31.53	32	10	4	12-32
BH6	Q	Q	NP	N/A	08/08/91	Onsite	34.64	33	10	4	12-33
BH7	Q	Q	NP	N/A	03/10/93	Onsite	33.23	31.5	10	4	11-31.5
BH8	Q	Q	NP	N/A	03/10/93	Onsite	34.16	30	10	4	10-30
BH9	1st/3rd	1st/3rd	NP	N/A	03/10/93	Onsite	32.90	30	10	4	10-30
MW10	Q	Q	NP	N/A	12/16/97	Onsite	33.47	31	10	4	10-31
MW11	Q	Q	NP	N/A	12/16/97	Onsite	33.82	31	10	4	10-31
MW12	Q	Q	NP	N/A	12/16/97	Onsite	33.98	31	10	4	10-31
MW13	Q	Q	NP	N/A	12/16/97	Onsite	34.13	31	10	4	10-31
MW14	Q	Q	NP	N/A	06/16/98	Offsite	32.79	30	10	4	10-30
MW15	Q	Q	NP	N/A	06/16/98	Offsite	32.89	24	10	4	9-24
MW16	Q	Q	NP	N/A	06/17/98	Offsite	33.68	23	10	4	9-23
MW17	1st/3rd	1st/3rd	NP	N/A	06/17/98	Offsite	31.71	19	10	4	9-19
MW18	Q	Q	NP	N/A	06/18/98	Onsite	34.05	30	10	4	10-30
MW19A	Q	Q	NP	N/A	06/18/98	Offsite	31.87	19	10	4	9-19
MW19B	Q	Q	P	N/A	06/18/98	Offsite	31.19	26	10	4	21-26
MW20	1st/3rd	1st/3rd	NP	N/A	02/21/01	Offsite	31.95	20	10	4	7-20
MW21	Q	Q	NP	N/A	02/21/01	Offsite	30.99	20	10	2	5-20
MW22A	Q	Q	NP	N/A	08/21/03	Offsite	32.86	18	10	2	8-18
MW22B	Q	Q	P	N/A	08/21/03	Offsite	32.86	35	10	2	25-35
MW22C	Q	Q	P	N/A	08/19/03	Offsite	32.75	65	10	2	55-65
MW22D	Q	Q	P	N/A	02/20/03	Offsite	32.94	90	10	2	80-90
TCW1	Q	Q	NP	N/A	--	Onsite	33.68	13	10	4	2-13

bgs Below ground surface.
 LPH Liquid-phase hydrocarbons.
 N/A Not applicable this quarter.
 NP No purge.
 P Purge.
 Q Quarterly.
 TOC Top of casing.
 -- Unknown.
 1st/3rd First and third quarters only.

Note: Casing elevation survey conducted by William A. Teipe & Associates on 28 August 2001. TOC elevation data relative to OCS Benchmark CM-28-81 and NAVD88 vertical datum elevation.

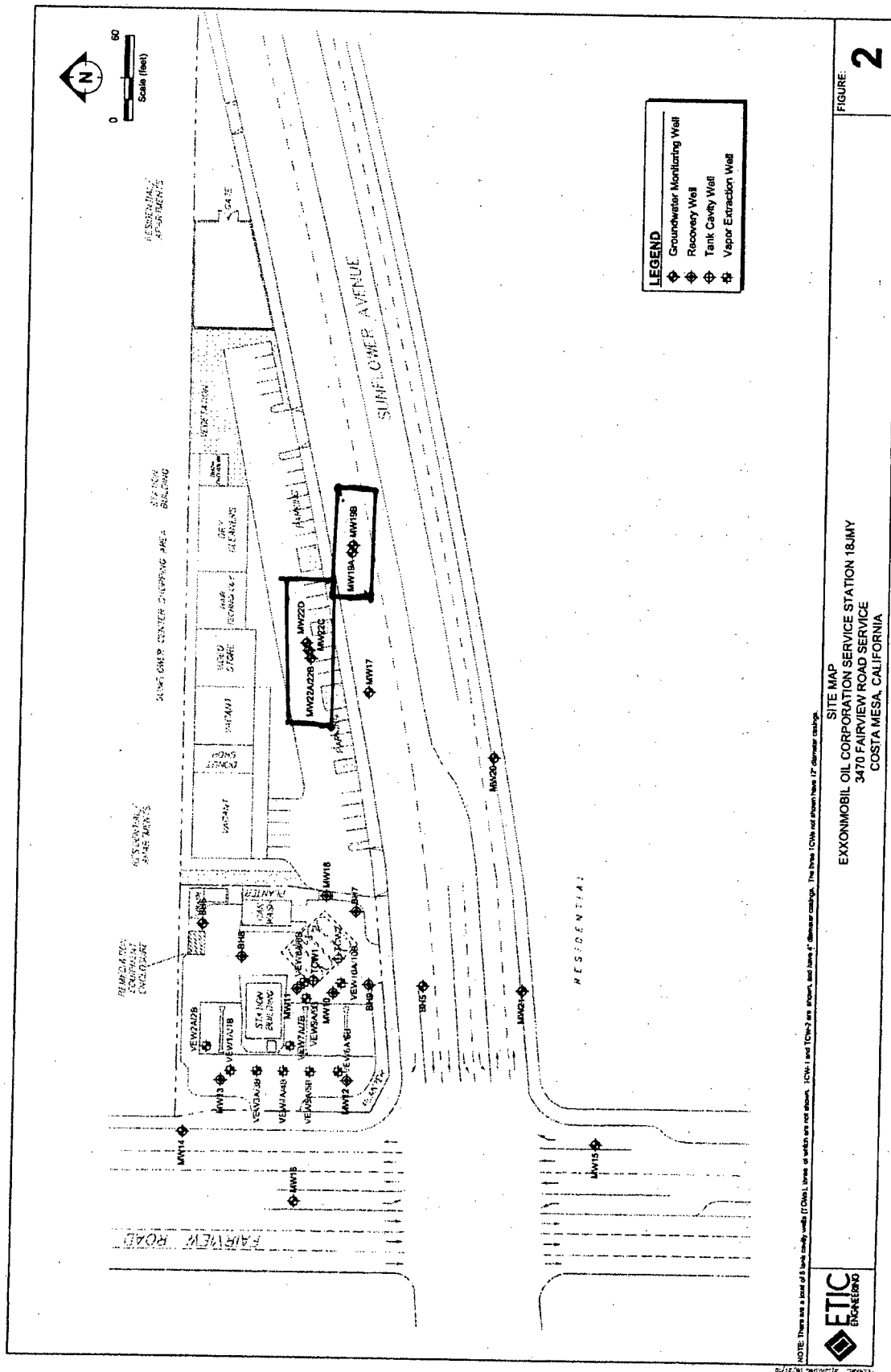


TABLE 3 GROUNDWATER MONITORING DATA,
EXXONMOBIL OIL CORPORATION SERVICE STATION 18MY,
3470 FAIRVIEW ROAD, COSTA MESA, CALIFORNIA

Well Number	Date	Elevation (feet)	Depth to Water (feet bgs)	Groundwater Elevation (feet)	LPH Thickness (feet)	TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE 8020B (µg/L)	MTBE 8260B (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol 8015M (µg/L)	Ethanol 8260B (µg/L)	Methanol (µg/L)
BH8	11/07/01	34.16	15.11	19.05	0.00	2,100	ND<25	ND<50	ND<50	ND<100	-	1,600	33,000	ND<100	ND<100	ND<100	ND<100	-	ND<100
BH8	03/06/02	34.16	14.59	19.57	0.00	960	ND<25	ND<50	ND<50	ND<100	-	5,400	27,000	ND<100	ND<100	ND<100	ND<100	-	ND<100
BH8	06/28/02	34.16	12.47	21.69	0.00	1,730	ND<10	ND<10	ND<10	ND<10	-	3,800	18,400	ND<10	ND<10	ND<10	ND<10	-	ND<100
BH8	09/12/02	34.16	20.20	13.96	0.00	1,720	ND<100	ND<100	ND<100	ND<100	-	1,940	7,180	ND<100	ND<100	1.66	-	-	-
BH8	12/19/02	34.16	12.49	21.67	0.00	1,220	ND<0.50	ND<0.50	ND<0.50	ND<0.50	-	1,900	2,520	ND<0.50	0.6	1.6	-	-	-
BH8	03/13/03	34.16	20.17	13.99	0.00	1,200	ND<100	ND<100	ND<100	ND<100	-	1,570	3,960	ND<100	ND<100	ND<100	ND<100	-	-
BH8	06/16/03	34.16	11.02	23.14	0.00	593	ND<100	ND<100	ND<100	ND<100	-	703	3,870	ND<100	ND<100	ND<100	ND<100	-	-
BH8	09/16/03	34.16	28.69	5.47	0.00	ND<50.0	ND<100	ND<100	ND<100	ND<100	-	940	19,500	ND<100	1.1	1	-	-	ND<200 ND<10,000
BH8	12/11/03	34.16	15.81	18.35	0.00	248	ND<0.50	ND<0.50	ND<0.50	ND<0.50	-	413	3,530	ND<0.50	ND<0.50	ND<0.50	ND<0.50	-	-
BH8	03/10/04	34.16	10.36	23.80	0.00	279	ND<100	ND<100	ND<100	ND<100	-	427	7,470	ND<100	ND<100	ND<100	ND<100	-	-
BH8	06/01/04	34.16	12.24	21.92	0.00	826	ND<100	ND<100	ND<100	ND<100	-	1,030	13,200	ND<100	ND<100	ND<100	ND<100	-	-
BH8	09/01/04	34.16	12.84	21.32	0.00	52.5	ND<100	ND<100	ND<100	ND<100	-	510	2,700	ND<100	ND<100	ND<100	ND<100	-	-
BH8	12/01/04	34.16	11.14	23.02	0.00	323	ND<100	ND<100	ND<100	ND<100	-	396	3,080	ND<100	ND<100	ND<100	ND<100	-	-
BH8	03/24/05	34.16	26.25	26.25	0.00	299	ND<100	ND<100	ND<100	ND<100	-	348	2,500	ND<100	ND<100	ND<100	ND<100	-	-
BH8	06/09/05	34.16	8.88	25.28	0.00	361	<1.00	<1.00	<1.00	<1.00	-	515	1,820	<1.00	<1.00	<1.00	<1.00	-	-
BH8	09/13/05	34.16	18.89	15.27	0.00	965	<1.00	<1.00	<1.00	<1.00	-	1,560	4,860	<1.00	<1.00	<1.00	<1.00	-	-
BH8	12/14/05	34.16	10.37	23.79	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	127	865	<1.00	<1.00	<1.00	<1.00	-	-
BH8	03/14/06	34.16	18.06	16.10	0.00	1,170	<1.00	<1.00	<1.00	<1.00	-	1,490	10,200	<1.00	<1.00	<1.00	<1.00	-	-
BH8	06/15/06	34.16	10.30	23.86	0.00	281	<1.00	<1.00	<1.00	<1.00	-	498	5,290	<1.00	<1.00	<1.00	<1.00	-	-
BH8	09/13/06	34.16	13.14	21.02	0.00	686	<1.00	<1.00	<1.00	<1.00	-	1,150	14,000	<1.00	<1.00	<1.00	<1.00	-	-
BH8	12/12/06	34.16	11.72	22.44	0.00	715	<1.00	<1.00	<1.00	<1.00	-	881	11,700	<1.00	<1.00	<1.00	<1.00	-	-
BH8	03/15/07	34.16	11.35	22.81	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	463	<10.0	<1.00	<1.00	<1.00	<1.00	-	-
BH8	06/13/07	34.16	14.96	19.20	0.00	538	<1.00	<1.00	<1.00	<1.00	-	454	4,290	<1.00	<1.00	<1.00	<1.00	-	-
BH8	09/11/07	34.16	15.64	18.52	0.00	427	<1.00	<1.00	<1.00	<1.00	-	303	5,170	<1.00	<1.00	<1.00	<1.00	-	-
BH8	12/11/07	34.16	12.95	21.21	0.00	264	<1.00	<1.00	<1.00	<1.00	-	299	8,740	<1.00	<1.00	<1.00	<1.00	-	-
BH8	03/11/08	34.16	19.48	14.68	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	48.7	1,070	<1.00	<1.00	<1.00	<1.00	-	-
BH8	06/11/08	34.16	21.27	12.89	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	32.1	563	<1.00	<1.00	<1.00	<1.00	-	-
BH8	08/06/08	34.16	12.47	21.69	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	35.2	636	<1.00	<1.00	<1.00	<1.00	-	-
BH8	11/06/08	34.16	12.71	21.45	0.00	83.1	<1.00	<1.00	<1.00	<1.00	-	122	8,590	<1.00	<1.00	<1.00	<1.00	-	-
BH8	02/03/09	34.16	24.50	09.66	0.00	<50	<1.0	<1.0	<1.0	<1.0	-	20	83	<1.0	0.28 J	<1.0	<1.0	-	<250
BH8	05/07/09	34.16	12.42	21.74	0.00	<50	<1.0	<1.0	<1.0	<1.0	-	<2.0	<10	<1.0	<1.0	<1.0	<1.0	-	<250
BH8	08/06/09	34.16	12.97	21.19	0.00	<50	<1.0	<1.0	<1.0	<1.0	-	6.3	2,000	<1.0	<1.0	<1.0	<1.0	-	<250
BH8	11/10/09	34.16	13.03	21.13	0.00	<50	<1.0	<1.0	<1.0	<1.0	-	2.0	190	<1.0	<1.0	<1.0	<1.0	-	210 J
BH8	02/04/10	34.16	10.22	23.94	0.00	<50	<1.0	<1.0	<1.0	<1.0	-	14	57	<1.0	<1.0	<1.0	<1.0	-	62 J
BH8	05/06/10	34.16	9.45	24.71	0.00	390 C	<1.0	<1.0	<1.0	<1.0	-	220	9,000	<1.0	0.34 J	<1.0	<1.0	-	59 J
BH8	08/05/10	34.16	11.34	22.82	0.00	<50	<1.0	<1.0	<1.0	<1.0	-	31	6.2 J	<1.0	<1.0	<1.0	<1.0	-	<250
SCREEN INTERVAL (feet bgs) 10-30																			
BH9	03/20/93	30.74	-	-	-	ND	ND	ND	ND	ND	-	-	-	-	-	-	-	-	-
BH9	04/21/93	30.74	11.88	18.86	0.00	ND	ND	ND	ND	ND	-	-	-	-	-	-	-	-	-
BH9	06/18/93	30.74	12.93	17.81	0.00	ND	ND	ND	ND	ND	-	-	-	-	-	-	-	-	-
BH9	09/11/93	30.74	-	-	-	2200	ND	ND	ND	ND	-	-	-	-	-	-	-	-	-
BH9	11/02/93	30.74	14.36	16.38	0.00	2700	ND	ND	ND	ND	-	-	-	-	-	-	-	-	-
BH9	02/15/94	30.74	11.88	18.86	0.00	2800	ND	ND	ND	ND	-	-	-	-	-	-	-	-	-
BH9	05/03/94	30.74	11.39	19.35	0.00	ND	ND	ND	ND	ND	-	-	-	-	-	-	-	-	-
BH9	06/03/94	30.74	12.11	18.63	0.00	ND	ND	ND	ND	ND	-	-	-	-	-	-	-	-	-
BH9	08/02/94	30.74	12.38	18.36	0.00	1700	1.9	ND	ND	ND	-	-	-	-	-	-	-	-	-
BH9	10/18/95	30.74	14.80	15.94	0.00	ND	ND	ND	ND	ND	-	-	-	-	-	-	-	-	-
BH9	07/23/96	30.74	15.22	15.52	0.00	ND	ND	ND	ND	ND	-	-	-	-	-	-	-	-	-

L:\Project\18MY\Public\Quarterly Reports\2010\Q4\18MY_QW_Table1-3

TABLE 3 GROUNDWATER MONITORING DATA,
EXXONMOBIL OIL CORPORATION SERVICE STATION 18JMY,
3470 FAIRVIEW ROAD, COSTA MESA, CALIFORNIA

Well Number	Date	Elevation TOC (feet)	Depth to Water (feet bgs)	Groundwater Elevation (feet)	LPH Thickness (feet)	TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	MTBE 8020B (µg/L)	MTBE 8260B (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol 8015M (µg/L)	Ethanol 8260B (µg/L)	Methanol (µg/L)
MW18	03/06/02	34.05	15.52	18.53	0.00	ND<100	ND<0.50	ND<1.0	ND<1.0	ND<2	-	37	ND<50	ND<2.0	ND<2.0	ND<2.0	ND<100	-	ND<100
MW18	06/12/02	34.05	15.03	19.02	0.00	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	-	91.2	ND<10	ND<1.0	ND<1.0	ND<1.0	-	-	-
MW18	09/12/02	34.05	22.81	11.24	0.00	ND<500	ND<1.00	ND<0.50	ND<0.50	ND<0.50	-	4.76	ND<10.0	ND<1.0	ND<1.0	ND<1.0	-	-	-
MW18	12/18/02	34.05	15.12	18.93	0.00	57.2	ND<0.50	ND<0.50	ND<0.50	ND<0.50	-	99	11.2	ND<0.50	0.2	ND<0.50	-	-	-
MW18	06/16/03	34.05	15.48	18.57	0.00	ND<50.0	ND<1.00	ND<1.00	ND<1.00	ND<1.00	-	5.4	93.2	ND<1.00	ND<1.00	ND<1.00	-	-	-
MW18	09/16/03	34.05	13.70	20.35	0.00	ND<50.0	ND<1.00	ND<1.00	ND<1.00	ND<1.00	-	27.4	ND<10.0	ND<1.00	ND<1.00	ND<1.00	-	-	ND<200 ND<10,000
MW18	12/11/03	34.05	26.14	7.91	0.00	ND<50.0	ND<1.00	ND<1.00	ND<1.00	ND<1.00	-	6.8	70.9	ND<1.00	ND<1.00	ND<1.00	-	-	-
MW18	03/10/04	34.05	16.06	17.99	0.00	ND<50.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	-	6.1	203	ND<0.50	ND<0.50	ND<0.50	-	-	-
MW18	06/01/04	34.05	13.54	20.51	0.00	77.9	ND<1.00	ND<1.00	ND<1.00	ND<1.00	-	38.7	44.6	ND<1.00	ND<1.00	ND<1.00	-	-	-
MW18	09/01/04	34.05	15.02	19.03	0.00	ND<50.0	ND<1.00	ND<1.00	ND<1.00	ND<1.00	-	16.2	206	ND<1.00	ND<1.00	ND<1.00	-	-	ND<200 ND<10,000
MW18	12/01/04	34.05	15.87	18.18	0.00	ND<50.0	ND<1.00	ND<1.00	ND<1.00	ND<1.00	-	3.2	354	ND<1.00	ND<1.00	ND<1.00	-	-	-
MW18	04/08/05	34.05	14.65	19.40	0.00	ND<50.0	ND<1.00	ND<1.00	ND<1.00	ND<1.00	-	8.2	96.6	ND<1.00	ND<1.00	ND<1.00	-	-	-
MW18	06/09/05	34.05	10.96	23.09	0.00	81.6	ND<0.50	0.70	ND<0.50	0.60	-	122	ND<10.0	ND<0.50	ND<0.50	ND<0.50	-	-	ND<500
MW18	09/13/05	34.05	11.83	22.22	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	81.7	<10.0	<1.00	<1.00	<1.00	-	-	-
MW18	09/13/05	34.05	17.12	16.93	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	10.3	94.3	<1.00	<1.00	<1.00	-	-	-
MW18	12/14/05	34.05	12.51	21.54	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	6.60	51.2	<1.00	<1.00	<1.00	-	-	-
MW18	03/15/06	34.05	19.22	14.83	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	8.17	84.0	<1.00	<1.00	<1.00	-	-	-
MW18	06/15/06	34.05	11.67	22.38	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	9.76	105	<1.00	<1.00	<1.00	-	-	-
MW18	09/13/06	34.05	12.13	21.92	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	15.0	636	<1.00	<1.00	<1.00	-	-	-
MW18	12/12/06	34.05	12.59	21.46	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	7.45	101	<1.00	<1.00	<1.00	-	-	-
MW18	03/16/07	34.05	14.78	19.27	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	4.69	59.6	<1.00	<1.00	<1.00	-	-	-
MW18	06/13/07	34.05	14.50	19.55	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	2.40	38.2	<1.00	<1.00	<1.00	-	-	<250
MW18	09/11/07	34.05	14.85	19.20	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	2.11	15.9	<1.00	<1.00	<1.00	-	-	70 J
MW18	12/11/07	34.05	14.46	19.61	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	2.36	25.2	<1.00	<1.00	<1.00	-	-	97 J
MW18	03/11/08	34.05	14.44	19.59	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	<2.00	23.0	<1.00	<1.00	<1.00	-	-	270
MW18	06/11/08	34.05	15.27	18.78	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	<250
MW18	08/06/08	34.05	14.44	19.61	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	0.88 J	36	<1.00	<1.00	<1.00	-	-	170 J
MW18	11/06/08	34.05	14.10	19.95	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	1.6 J	33	<1.00	<1.00	<1.00	-	-	-
MW18	02/06/09	34.05	17.76	16.29	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	1.5 J	18	<1.00	<1.00	<1.00	-	-	-
MW18	05/08/09	34.05	14.51	19.54	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	0.44 J	72 J	<1.00	<1.00	<1.00	-	-	-
MW18	08/06/09	34.05	15.05	19.00	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	0.33 J	3.7 J	<1.00	<1.00	<1.00	-	-	-
MW18	11/10/09	34.05	15.95	18.10	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	<2.0	<1.0	<1.00	<1.00	<1.00	-	-	-
MW18	02/04/10	34.05	12.90	21.15	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	<2.0	<1.0	<1.00	<1.00	<1.00	-	-	-
MW18	05/07/10	34.05	12.34	21.71	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	<2.0	<1.0	<1.00	<1.00	<1.00	-	-	-
MW18	08/05/10	34.05	20.60	13.45	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	2.0 J	53	<1.00	<1.00	<1.00	-	-	-
SCREEN INTERVAL (feet bgs) 9-19																			
MW19A	06/23/98	31.85	9.58	22.27	0.00	60	ND	ND	ND	ND	ND	-	-	-	-	-	-	-	-
MW19A	06/16/98	31.85	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW19A	12/17/98	31.85	10.98	20.87	0.00	ND	ND	ND	ND	ND	ND	-	-	-	-	-	-	-	-
MW19A	02/23/99	31.85	10.71	21.14	0.00	90	ND	ND	ND	ND	ND	-	-	-	-	-	-	-	-
MW19A	05/18/99	31.85	9.04	22.81	0.00	100	4.8	4.3	3	4.4	ND	-	-	-	-	-	-	-	-
MW19A	08/26/99	31.85	11.38	20.47	0.00	ND	ND	ND	ND	ND	ND	-	-	-	-	-	-	-	-
MW19A	01/17/00	31.85	11.74	20.11	0.00	ND	ND	ND	ND	ND	ND	-	-	-	-	-	-	-	-
MW19A	03/16/00	31.85	10.64	21.21	0.00	ND<500	ND<0.30	ND<0.30	ND<0.30	ND<0.60	5.7	-	-	-	-	-	-	-	-
MW19A	06/20/00	31.85	10.97	20.88	0.00	ND<500	ND<0.30	ND<0.30	ND<0.30	ND<0.60	7.5	-	-	-	-	-	-	-	-
MW19A	09/21/00	31.85	12.13	19.72	0.00	ND<500	ND<0.50	ND<1.0	ND<1.0	ND<2.0	2	-	-	-	-	-	-	-	-
MW19A	11/15/00	31.85	12.43	19.42	0.00	ND<500	ND<0.50	ND<1.0	ND<1.0	ND<2.0	-	-	-	-	-	-	-	-	-
MW19A	01/30/01	31.85	11.60	20.25	0.00	ND<500	ND<0.50	ND<1.0	ND<1.0	ND<2.0	-	-	-	-	-	-	-	-	-

TABLE 3 GROUNDWATER MONITORING DATA,
EXXONMOBIL OIL CORPORATION SERVICE STATION 187MY,
3470 FAIRVIEW ROAD, COSTA MESA, CALIFORNIA

Well Number	Date	Elevation TOC (feet)	Depth to Water (feet bgs)	Groundwater Elevation (feet)	LPH Thickness (feet)	TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	MTBE 8020B (µg/L)	MTBE 8260B (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol 8015M (µg/L)	Ethanol 8260B (µg/L)	Methanol (µg/L)
MW19A	04/02/01	31.85	9.76	22.09	0.00	ND<500	ND<1.0	ND<2.0	ND<2.0	ND<4.0	-	ND<2.0	ND<100	ND<4.0	ND<4.0	ND<4.0	ND<100	-	ND<100
MW19A	07/30/01	31.85	11.26	20.59	0.00	100	ND<1.0	ND<2.0	ND<2.0	ND<4.0	-	ND<2.0	ND<100	ND<4.0	ND<4.0	ND<4.0	ND<100	-	ND<100
MW19A	11/07/01	31.85	12.35	19.50	0.00	ND<100	ND<0.50	ND<1.0	ND<1.0	ND<2.0	-	ND<1.0	ND<50	ND<2.0	ND<2.0	ND<2.0	ND<100	-	ND<100
MW19A	03/05/02	31.87	11.32	20.55	0.00	ND<100	ND<0.50	ND<1.0	ND<1.0	ND<2.0	-	ND<1.0	ND<50	ND<2.0	ND<2.0	ND<2.0	ND<100	-	ND<100
MW19A	06/13/02	31.87	12.60	19.27	0.00	53	ND<1.0	ND<1.0	ND<1.0	ND<2.0	-	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<2.0	ND<100	-	ND<100
MW19A	09/12/02	31.87	13.06	18.81	0.00	1700	ND<1.0	ND<1.0	ND<1.0	ND<2.0	-	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<2.0	ND<100	-	ND<100
MW19A	12/19/02	31.87	12.74	19.13	0.00	63.6	ND<0.50	ND<0.50	ND<0.50	ND<0.50	-	ND<0.50	ND<100	ND<0.50	ND<0.50	ND<0.50	ND<100	-	ND<100
MW19A	03/13/03	31.87	12.58	19.29	0.00	65.7	ND<1.0	ND<1.0	ND<1.0	ND<2.0	-	ND<2.0	ND<100	ND<1.0	ND<1.0	ND<1.0	ND<100	-	ND<100
MW19A	06/15/03	31.87	11.48	20.39	0.00	ND<500	ND<1.0	ND<1.0	ND<1.0	ND<2.0	-	ND<2.0	ND<100	ND<1.0	ND<1.0	ND<1.0	ND<100	-	ND<100
MW19A	09/16/03	31.87	12.27	19.60	0.00	82.3	ND<1.0	ND<1.0	ND<1.0	ND<2.0	-	ND<2.0	ND<100	ND<1.0	ND<1.0	ND<1.0	ND<100	-	ND<100
MW19A	03/11/04	31.87	11.44	20.43	0.00	102	ND<1.0	ND<1.0	ND<1.0	ND<2.0	-	ND<2.0	ND<100	ND<1.0	ND<1.0	ND<1.0	ND<100	-	ND<100
MW19A	09/01/04	31.87	12.34	19.53	0.00	66.6	ND<1.0	ND<1.0	ND<1.0	ND<2.0	-	ND<2.0	ND<100	ND<1.0	ND<1.0	ND<1.0	ND<100	-	ND<100
MW19A	03/24/05	31.87	8.33	23.54	0.00	87.7	ND<1.0	ND<1.0	ND<1.0	ND<2.0	-	ND<2.0	ND<100	ND<1.0	ND<1.0	ND<1.0	ND<100	-	ND<100
MW19A	06/09/05	31.87	9.76	22.11	0.00	<50.0	<1.0	<1.0	<1.0	<1.0	-	<2.0	<10.0	<1.0	<1.0	<1.0	<100	-	<100
MW19A	09/13/05	31.87	10.45	21.42	0.00	<50.0	<1.0	<1.0	<1.0	<1.0	-	<2.0	<10.0	<1.0	<1.0	<1.0	<100	-	<100
MW19A	12/14/05	31.87	10.33	21.54	0.00	61.5	<1.0	<1.0	<1.0	<1.0	-	<2.0	<10.0	<1.0	<1.0	<1.0	<100	-	<100
MW19A	03/15/06	31.87	9.95	21.92	0.00	84.5	<1.0	<1.0	<1.0	<1.0	-	<2.0	<10.0	<1.0	<1.0	<1.0	<100	-	<100
MW19A	06/15/06	31.87	9.45	22.42	0.00	76.7	<1.0	<1.0	<1.0	<1.0	-	<2.0	<10.0	<1.0	<1.0	<1.0	<100	-	<100
MW19A	09/14/06	31.87	9.93	21.50	0.00	70.0	<1.0	<1.0	<1.0	<1.0	-	<2.0	<10.0	<1.0	<1.0	<1.0	<100	-	<100
MW19A	12/12/06	31.87	9.97	21.50	0.00	<50.0	<1.0	<1.0	<1.0	<1.0	-	<2.0	<10.0	<1.0	<1.0	<1.0	<100	-	<100
MW19A	03/16/07	31.87	10.06	21.81	0.00	76.7	<1.0	<1.0	<1.0	<1.0	-	<2.0	<10.0	<1.0	<1.0	<1.0	<100	-	<100
MW19A	06/13/07	31.87	9.95	21.92	0.00	70.0	<1.0	<1.0	<1.0	<1.0	-	<2.0	<10.0	<1.0	<1.0	<1.0	<100	-	<100
MW19A	09/12/07	31.87	11.01	20.86	0.00	<50.0	<1.0	<1.0	<1.0	<1.0	-	<2.0	<10.0	<1.0	<1.0	<1.0	<100	-	<100
MW19A	12/11/07	31.87	11.40	20.47	0.00	<50.0	<1.0	<1.0	<1.0	<1.0	-	<2.0	<10.0	<1.0	<1.0	<1.0	<100	-	<100
MW19A	03/12/08	31.87	10.84	21.03	0.00	<50.0	<1.0	<1.0	<1.0	<1.0	-	<2.0	<10.0	<1.0	<1.0	<1.0	<100	-	<100
MW19A	06/11/08	31.87	11.31	20.56	0.00	57.4	<1.0	<1.0	<1.0	<1.0	-	<2.0	<10.0	<1.0	<1.0	<1.0	<100	-	<100
MW19A	08/07/08	31.87	11.57	20.30	0.00	56	<1.0	<1.0	<1.0	<1.0	-	<2.0	<10.0	<1.0	<1.0	<1.0	<100	-	<100
MW19A	11/06/08	31.87	12.12	19.75	0.00	<50	<1.0	<1.0	<1.0	<1.0	-	<2.0	<10.0	<1.0	<1.0	<1.0	<100	-	<100
MW19A	02/06/09	31.87	12.15	19.72	0.00	<50	<1.0	<1.0	<1.0	<1.0	-	<2.0	<10.0	<1.0	<1.0	<1.0	<100	-	<100
MW19A	05/07/09	31.87	11.40	20.47	0.00	<50	<1.0	<1.0	<1.0	<1.0	-	<2.0	<10.0	<1.0	<1.0	<1.0	<100	-	<100
MW19A	08/07/09	31.87	12.07	19.80	0.00	<50	<1.0	<1.0	<1.0	<1.0	-	<2.0	<10.0	<1.0	<1.0	<1.0	<100	-	<100
MW19A	11/10/09	31.87	12.40	19.47	0.00	<50	<1.0	<1.0	<1.0	<1.0	-	<2.0	<10.0	<1.0	<1.0	<1.0	<100	-	<100
MW19A	02/05/10	31.87	11.02	20.85	0.00	<50	<1.0	<1.0	<1.0	<1.0	-	<2.0	<10.0	<1.0	<1.0	<1.0	<100	-	<100
MW19A	05/07/10	31.87	10.63	21.24	0.00	<50	<1.0	<1.0	<1.0	<1.0	-	<2.0	<10.0	<1.0	<1.0	<1.0	<100	-	<100
MW19A	08/06/10	31.87	11.15	20.72	0.00	<50	<1.0	<1.0	<1.0	<1.0	-	<2.0	<10.0	<1.0	<1.0	<1.0	<100	-	<100
SCREEN INTERVAL (feet bgs) 21-26																			
MW19B	06/23/98	31.87	9.98	21.89	0.00	130	ND	ND	ND	ND	15	-	-	-	-	-	-	-	-
MW19B	09/16/98	31.87	-	-	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW19B	12/17/98	31.87	10.49	21.38	0.00	ND	ND	ND	ND	ND	ND	-	-	-	-	-	-	-	-
MW19B	02/23/99	31.87	10.22	21.65	0.00	270	ND	0.5	ND	1.1	ND	-	-	-	-	-	-	-	-
MW19B	06/18/99	31.87	9.06	22.81	0.00	330	ND	14	12	9.2	ND	-	-	-	-	-	-	-	-
MW19B	08/26/99	31.87	10.95	20.92	0.00	ND	ND	ND	ND	ND	11	-	-	-	-	-	-	-	-
MW19B	01/17/00	31.87	11.19	20.68	0.00	ND	ND	ND	ND	ND	8.5	-	-	-	-	-	-	-	-
MW19B	03/16/00	31.87	10.08	21.79	0.00	ND<500	ND<0.30	ND<0.30	ND<0.30	ND<0.60	5.5	-	-	-	-	-	-	-	-
MW19B	06/20/00	31.87	10.43	21.44	0.00	ND<500	ND<0.30	ND<0.30	ND<0.30	ND<0.60	ND<5.0	-	-	-	-	-	-	-	-
MW19B	09/21/00	31.87	11.62	20.25	0.00	ND<500	ND<0.50	ND<1.0	ND<1.0	ND<2.0	ND<1.0	-	-	-	-	-	-	-	-
MW19B	11/15/00	31.87	11.13	20.74	0.00	ND<500	ND<0.50	ND<1.0	ND<1.0	ND<2.0	ND<1.0	-	-	-	-	-	-	-	-
MW19B	01/30/01	31.87	10.85	21.02	0.00	ND<500	ND<0.50	ND<1.0	ND<1.0	ND<2.0	ND<1.0	-	-	-	-	-	-	-	-

TABLE 3 GROUNDWATER MONITORING DATA
EXXONMOBIL OIL CORPORATION SERVICE STATION 181MY,
3470 FAIRVIEW ROAD, COSTA MESA, CALIFORNIA

Well Number	Date	Elevation TOC (feet)	Depth to Water (feet bgs)	Groundwater Elevation (feet)	LPH Thickness (feet)	TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE 8020B (µg/L)	MTBE 8260B (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol 8015M (µg/L)	Ethanol 8260B (µg/L)	Methanol (µg/L)
MW19B	04/02/01	31.87	9.11	22.76	0.00	ND<500	4.2	ND<5.0	ND<5.0	ND<10.0	-	-	ND<5.0	ND<10.0	ND<10.0	ND<10.0	ND<100	-	-
MW19B	07/30/01	31.87	10.73	21.14	0.00	210	ND<2.5	ND<5.0	ND<5.0	ND<10.0	-	-	ND<5.0	ND<10.0	ND<10.0	ND<10.0	ND<100	-	-
MW19B	11/07/01	31.87	11.92	19.95	0.00	120	ND<2.5	ND<5.0	ND<5.0	ND<10.0	-	-	ND<5.0	ND<10.0	ND<10.0	ND<10.0	ND<100	-	-
MW19B	03/06/02	31.19	10.70	20.49	0.00	ND<100	ND<0.50	ND<1.0	ND<1.0	ND<2.0	-	-	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<100	-	-
MW19B	06/11/02	31.19	11.74	19.45	0.00	285	1.39	3.69	1.37	5.96	-	-	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<100	-	-
MW19B	09/12/02	31.19	12.31	18.88	0.00	165	ND<1.00	ND<1.00	ND<1.00	ND<1.00	-	-	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<100	-	-
MW19B	12/19/02	31.19	12.10	19.09	0.00	189	1.4	3.8	0.6	4.6	-	-	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<100	-	-
MW19B	03/13/03	31.19	11.30	19.89	0.00	99.9	ND<1.00	ND<1.00	ND<1.00	ND<1.00	-	-	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<100	-	-
MW19B	06/16/03	31.19	10.98	20.21	0.00	106	ND<1.00	ND<1.00	ND<1.00	ND<1.00	-	-	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<100	-	-
MW19B	09/16/03	31.19	11.50	19.69	0.00	172	ND<1.00	ND<1.00	ND<1.00	ND<1.00	-	-	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<100	-	-
MW19B	03/11/04	31.19	10.74	20.45	0.00	93.8	ND<1.00	ND<1.00	ND<1.00	ND<1.00	-	-	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<100	-	-
MW19B	09/01/04	31.19	11.82	19.37	0.00	93.6	ND<1.00	ND<1.00	ND<1.00	ND<1.00	-	-	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<100	-	-
MW19B	03/24/05	31.19	9.18	22.01	0.00	-	-	-	-	-	-	-	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<100	-	-
MW19B	06/09/05	31.19	9.22	21.97	0.00	-	-	-	-	-	-	-	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<100	-	-
MW19B	09/13/05	31.19	9.85	21.34	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	-	<1.00	<1.00	<1.00	<1.00	ND<200	ND<10,000	-
MW19B	12/14/05	31.19	9.74	21.45	0.00	100	<1.00	<1.00	<1.00	<1.00	-	-	<1.00	<1.00	<1.00	<1.00	ND<200	ND<10,000	-
MW19B	03/15/06	31.19	9.17	22.02	0.00	101	<1.00	<1.00	<1.00	<1.00	-	-	<1.00	<1.00	<1.00	<1.00	ND<200	ND<10,000	-
MW19B	06/15/06	31.19	8.83	22.36	0.00	92.6	<1.00	<1.00	<1.00	<1.00	-	-	<1.00	<1.00	<1.00	<1.00	ND<200	ND<10,000	-
MW19B	09/14/06	31.19	9.32	21.87	0.00	94.5	<1.00	<1.00	<1.00	<1.00	-	-	<1.00	<1.00	<1.00	<1.00	ND<200	ND<10,000	-
MW19B	12/12/06	31.19	9.48	21.71	0.00	96.1	<1.00	<1.00	<1.00	<1.00	-	-	<1.00	<1.00	<1.00	<1.00	ND<200	ND<10,000	-
MW19B	03/16/07	31.19	9.13	22.06	0.00	118	<1.00	<1.00	<1.00	<1.00	-	-	<1.00	<1.00	<1.00	<1.00	ND<200	ND<10,000	-
MW19B	06/13/07	31.19	9.36	21.83	0.00	96.1	<1.00	<1.00	<1.00	<1.00	-	-	<1.00	<1.00	<1.00	<1.00	ND<200	ND<10,000	-
MW19B	09/12/07	31.19	10.45	20.74	0.00	94.5	<1.00	<1.00	<1.00	<1.00	-	-	<1.00	<1.00	<1.00	<1.00	ND<200	ND<10,000	-
MW19B	12/11/07	31.19	10.99	20.20	0.00	96.1	<1.00	<1.00	<1.00	<1.00	-	-	<1.00	<1.00	<1.00	<1.00	ND<200	ND<10,000	-
MW19B	03/12/08	31.19	10.08	21.11	0.00	118	<1.00	<1.00	<1.00	<1.00	-	-	<1.00	<1.00	<1.00	<1.00	ND<200	ND<10,000	-
MW19B	06/11/08	31.19	10.81	20.38	0.00	96.1	<1.00	<1.00	<1.00	<1.00	-	-	<1.00	<1.00	<1.00	<1.00	ND<200	ND<10,000	-
MW19B	09/07/08	31.19	11.05	20.14	0.00	118	<1.00	<1.00	<1.00	<1.00	-	-	<1.00	<1.00	<1.00	<1.00	ND<200	ND<10,000	-
MW19B	11/06/08	31.19	11.68	19.51	0.00	81	<1.00	<1.00	<1.00	<1.00	-	-	<1.00	<1.00	<1.00	<1.00	ND<200	ND<10,000	-
MW19B	02/06/09	31.19	11.15	20.04	0.00	81	<1.00	<1.00	<1.00	<1.00	-	-	<1.00	<1.00	<1.00	<1.00	ND<200	ND<10,000	-
MW19B	03/07/09	31.19	10.86	20.33	0.00	52 C	<1.00	<1.00	<1.00	<1.00	-	-	<1.00	<1.00	<1.00	<1.00	ND<200	ND<10,000	-
MW19B	08/07/09	31.19	11.53	19.66	0.00	52 C	<1.00	<1.00	<1.00	<1.00	-	-	<1.00	<1.00	<1.00	<1.00	ND<200	ND<10,000	-
MW19B	11/10/09	31.19	11.88	19.31	0.00	52 C	<1.00	<1.00	<1.00	<1.00	-	-	<1.00	<1.00	<1.00	<1.00	ND<200	ND<10,000	-
MW19B	02/05/10	31.19	10.14	21.05	0.00	50 C	<1.00	<1.00	<1.00	<1.00	-	-	<1.00	<1.00	<1.00	<1.00	ND<200	ND<10,000	-
MW19B	05/07/10	31.19	9.82	21.37	0.00	60 C	<1.00	<1.00	<1.00	<1.00	-	-	<1.00	<1.00	<1.00	<1.00	ND<200	ND<10,000	-
MW19B	08/06/10	31.19	10.47	20.72	0.00	60 C	<1.00	<1.00	<1.00	<1.00	-	-	<1.00	<1.00	<1.00	<1.00	ND<200	ND<10,000	-
MW20	04/23/01	31.95	9.55	22.40	0.00	ND<500	ND<0.50	ND<1.0	ND<1.0	ND<2.0	-	-	ND<50	ND<10.0	ND<10.0	ND<2.0	ND<100	-	-
MW20	07/30/01	31.95	11.27	20.68	0.00	ND<100	ND<0.50	ND<1.0	ND<1.0	ND<2.0	-	-	ND<50	ND<10.0	ND<10.0	ND<2.0	ND<100	-	-
MW20	11/07/01	31.95	12.33	19.62	0.00	ND<100	ND<0.50	ND<1.0	ND<1.0	ND<2.0	-	-	ND<50	ND<10.0	ND<10.0	ND<2.0	ND<100	-	-
MW20	03/06/02	31.95	10.90	21.05	0.00	61	ND<1.0	ND<1.0	ND<1.0	ND<1.0	-	-	ND<10	ND<10.0	ND<10.0	ND<2.0	ND<100	-	-
MW20	06/13/02	31.95	11.98	19.97	0.00	88.2	ND<1.00	ND<1.00	ND<1.00	ND<1.00	-	-	ND<10	ND<10.0	ND<10.0	ND<2.0	ND<100	-	-
MW20	09/12/02	31.95	13.27	18.68	0.00	204	ND<1.00	ND<1.00	ND<1.00	ND<1.00	-	-	ND<10	ND<10.0	ND<10.0	ND<2.0	ND<100	-	-
MW20	12/19/02	31.95	12.17	19.78	0.00	200	ND<1.00	ND<1.00	ND<1.00	ND<1.00	-	-	ND<10	ND<10.0	ND<10.0	ND<2.0	ND<100	-	-
MW20	03/13/03	31.95	11.90	20.05	0.00	204	ND<1.00	ND<1.00	ND<1.00	ND<1.00	-	-	ND<10	ND<10.0	ND<10.0	ND<2.0	ND<100	-	-
MW20	06/16/03	31.95	11.60	20.35	0.00	200	ND<1.00	ND<1.00	ND<1.00	ND<1.00	-	-	ND<10	ND<10.0	ND<10.0	ND<2.0	ND<100	-	-
MW20	09/16/03	31.95	12.42	19.53	0.00	ND<50.0	ND<1.00	ND<1.00	ND<1.00	ND<1.00	-	-	ND<10	ND<10.0	ND<10.0	ND<2.0	ND<100	-	-

SCREEN INTERVAL (feet bgs) 7-20

U:\Project\181MY\Public\Quantity Report\2010\181MY_GW_Table1.3

TABLE 3 - GROUNDWATER MONITORING DATA,
EXXONMOBIL OIL CORPORATION SERVICE STATION 18MY,
3470 FAIRVIEW ROAD, COSTA MESA, CALIFORNIA

Well Number	Date	Elevation (feet)	Depth to Water (feet bgs)	Groundwater Elevation (feet)	LPH Thickness (feet)	TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE 8020B (µg/L)	MTBE 8260B (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol 8015M (µg/L)	Ethanol 8260B (µg/L)	Methanol (µg/L)
MW21	06/09/05	30.99	8.05	22.94	0.00	-	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-
MW21	09/13/05	30.99	9.65	21.34	0.00	-	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-
MW21	12/14/05	30.99	9.68	21.31	0.00	-	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-
MW21	03/15/06	30.99	9.21	21.78	0.00	-	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-
MW21	06/15/06	30.99	8.71	22.28	0.00	-	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-
MW21	09/14/06	30.99	9.46	21.53	0.00	-	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-
MW21	12/12/06	30.99	9.72	21.27	0.00	-	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-
MW21	03/16/07	30.99	9.50	21.49	0.00	-	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-
MW21	06/13/07	30.99	9.57	21.42	0.00	-	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-
MW21	09/12/07	30.99	10.69	20.30	0.00	-	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-
MW21	12/11/07	30.99	11.07	19.92	0.00	-	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-
MW21	03/12/08	30.99	9.35	21.64	0.00	-	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-
MW21	06/11/08	30.99	19.67	11.32	0.00	-	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-
MW21	08/07/08	30.99	10.80	20.19	0.00	-	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-
MW21	11/06/08	30.99	11.50	19.49	0.00	-	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-
MW21	02/06/09	30.99	10.81	20.18	0.00	-	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-
MW21	05/07/09	30.99	10.52	20.47	0.00	-	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-
MW21	08/07/09	30.99	11.33	19.66	0.00	-	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-
MW21	11/10/09	30.99	11.75	19.24	0.00	-	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-
MW21	02/03/10	30.99	9.72	21.27	0.00	-	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-
MW21	05/07/10	30.99	9.50	21.49	0.00	-	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-
MW21	08/06/10	30.99	10.45	20.54	0.00	-	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-
SCREEN INTERVAL (feet bgs) 8-18																			
MW22A	09/16/03	32.86	14.49	18.37	0.00	ND<50.0	ND<1.00	ND<1.00	ND<1.00	ND<1.00	-	ND<2.00	ND<10.0	ND<1.00	ND<1.00	ND<1.00	-	-	-
MW22A	12/11/03	32.86	13.84	19.02	0.00	ND<50.0	ND<1.00	ND<1.00	ND<1.00	ND<1.00	-	ND<2.00	ND<10.0	ND<1.00	ND<1.00	ND<1.00	-	-	-
MW22A	03/10/04	32.86	13.15	19.71	0.00	ND<50.0	ND<1.00	ND<1.00	ND<1.00	ND<1.00	-	ND<2.00	ND<10.0	ND<1.00	ND<1.00	ND<1.00	-	-	-
MW22A	06/01/04	32.86	13.29	19.57	0.00	ND<50.0	ND<1.00	ND<1.00	ND<1.00	ND<1.00	-	ND<2.00	ND<10.0	ND<1.00	ND<1.00	ND<1.00	-	-	-
MW22A	09/01/04	32.86	14.08	18.78	0.00	ND<50.0	ND<1.00	ND<1.00	ND<1.00	ND<1.00	-	ND<2.00	ND<10.0	ND<1.00	ND<1.00	ND<1.00	-	-	-
MW22A	12/01/04	32.86	13.05	19.81	0.00	ND<50.0	ND<1.00	ND<1.00	ND<1.00	ND<1.00	-	ND<2.00	ND<10.0	ND<1.00	ND<1.00	ND<1.00	-	-	-
MW22A	03/24/05	32.86	10.21	22.65	0.00	ND<50.0	ND<1.00	ND<1.00	ND<1.00	ND<1.00	-	ND<2.00	ND<10.0	ND<1.00	ND<1.00	ND<1.00	-	-	-
MW22A	06/09/05	32.86	11.33	21.53	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-
MW22A	09/13/05	32.86	11.85	21.01	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-
MW22A	12/14/05	32.86	11.76	21.10	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-
MW22A	03/15/06	32.86	11.14	21.72	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-
MW22A	06/15/06	32.86	10.96	21.90	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-
MW22A	09/14/06	32.86	11.43	21.43	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-
MW22A	12/13/06	32.86	11.51	21.35	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-
MW22A	03/15/07	32.86	11.06	21.80	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-
MW22A	06/13/07	32.86	11.33	21.53	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-
MW22A	09/11/07	32.86	12.66	20.20	0.00	183	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-
MW22A	12/11/07	32.86	13.20	19.66	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-
MW22A	03/11/08	32.86	12.32	20.54	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-
MW22A	06/11/08	32.86	13.14	19.72	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-
MW22A	08/06/08	32.86	13.54	19.32	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-
MW22A	11/07/08	32.86	14.10	18.76	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-
MW22A	02/05/09	32.86	13.55	19.31	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-
MW22A	05/08/09	32.86	13.26	19.60	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-
MW22A	08/06/09	32.86	14.10	18.76	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-

L:\Projects\18MY\Public\Quarterly Reports\03/01/09\18MY_OW_Table1-3

TABLE 3 GROUNDWATER MONITORING DATA,
EXXONMOBIL OIL CORPORATION SERVICE STATION 18JMY,
3470 FAIRVIEW ROAD, COSTA MESA, CALIFORNIA

Well Number	Date	Elevation (feet)	Depth (feet bgs)	Groundwater Elevation (feet)	LPH Thickness (feet)	TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE 8020B (µg/L)	MTBE 8260B (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol 8015M (µg/L)	Ethanol 8260B (µg/L)	Methanol (µg/L)
MW22A	11/10/09	e	32.86	14.42	0.00	<50	<1.0	<1.0	<1.0	<1.0	-	<2.0	<10	<1.0	<1.0	<1.0	-	-	-
MW22A	02/04/10	d	32.86	12.26	0.00	<50	<1.0	<1.0	<1.0	<1.0	-	<2.0	<10	<1.0	<1.0	<1.0	-	270	-
MW22A	05/04/10		32.86	12.07	0.00	<50	<1.0	<1.0	<1.0	<1.0	-	<2.0	<10	<1.0	<1.0	<1.0	-	53.1, 61.1	-
MW22A	08/05/10		32.86	12.84	0.00	<50	<1.0	<1.0	<1.0	<1.0	-	<2.0	<10	<1.0	<1.0	<1.0	-	250 J	-
SCREEN INTERVAL (feet bgs) 25-35																			
MW22B	09/16/03		32.86	14.09	0.00	ND<50.0	ND<1.00	ND<1.00	ND<1.00	ND<1.00	-	ND<2.00	ND<10.0	ND<1.00	ND<1.00	ND<1.00	-	-	-
MW22B	12/11/03		32.86	13.86	0.00	ND<50.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	-	ND<0.50	ND<10.0	ND<0.50	ND<0.50	ND<0.50	-	-	-
MW22B	03/10/04		32.86	12.82	0.00	ND<50.0	ND<1.00	ND<1.00	ND<1.00	ND<1.00	-	ND<2.00	ND<10.0	ND<1.00	ND<1.00	ND<1.00	-	-	-
MW22B	06/01/04		32.86	13.24	0.00	ND<50.0	ND<1.00	ND<1.00	ND<1.00	ND<1.00	-	ND<2.00	ND<10.0	ND<1.00	ND<1.00	ND<1.00	-	-	-
MW22B	09/01/04		32.86	14.02	0.00	ND<50.0	ND<1.00	ND<1.00	ND<1.00	ND<1.00	-	ND<2.00	ND<10.0	ND<1.00	ND<1.00	ND<1.00	-	-	-
MW22B	12/01/04		32.86	12.98	0.00	34.2	4.1	1.3	1.9	1.9	-	ND<2.00	ND<10.0	ND<1.00	ND<1.00	ND<1.00	-	-	-
MW22B	02/17/05		32.86	12.98	0.00	ND<50.0	ND<1.00	ND<1.00	ND<1.00	ND<1.00	-	ND<2.00	ND<10.0	ND<1.00	ND<1.00	ND<1.00	-	-	-
MW22B	03/24/05		32.86	10.28	0.00	ND<50.0	ND<1.00	ND<1.00	ND<1.00	ND<1.00	-	ND<2.00	ND<10.0	ND<1.00	ND<1.00	ND<1.00	-	-	-
MW22B	06/09/05	d	32.86	10.13	0.00	ND<50.0	ND<1.00	ND<1.00	ND<1.00	ND<1.00	-	ND<2.00	ND<10.0	ND<1.00	ND<1.00	ND<1.00	-	-	-
MW22B	09/13/05	d	32.86	11.32	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-
MW22B	12/11/05	d	32.86	11.58	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-
MW22B	03/15/06	d	32.86	11.38	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-
MW22B	06/15/06	d	32.86	10.97	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-
MW22B	09/14/06	d	32.86	10.57	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-
MW22B	12/13/06	d	32.86	11.18	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-
MW22B	03/15/07	d	32.86	11.28	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-
MW22B	06/13/07		32.86	10.97	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-
MW22B	09/11/07	a,d	32.86	11.31	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-
MW22B	12/11/07	a	32.86	12.75	0.00	146	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-
MW22B	03/11/08	a	32.86	13.22	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-
MW22B	06/11/08	a,d	32.86	12.37	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-
MW22B	08/06/08	a	32.86	13.30	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-
MW22B	08/06/08	a	32.86	13.53	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-
MW22B	11/07/08	a	32.86	19.33	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-
MW22B	02/05/09	a,d,e	32.86	14.08	0.00	<50	<1.0	<1.0	<1.0	<1.0	-	<2.0	<10	<1.0	<1.0	<1.0	<250	-	-
MW22B	05/08/09	a	32.86	13.49	0.00	<50	<1.0	<1.0	<1.0	<1.0	-	<2.0	<10	<1.0	<1.0	<1.0	<250	-	-
MW22B	08/06/09	a	32.86	13.18	0.00	<50	<1.0	<1.0	<1.0	<1.0	-	<2.0	<10	<1.0	<1.0	<1.0	<250	-	-
MW22B	11/10/09	a,e	32.86	13.98	0.00	<50	<1.0	<1.0	<1.0	<1.0	-	<2.0	<10	<1.0	<1.0	<1.0	<250	-	-
MW22B	02/04/10	a,d	32.86	14.31	0.00	<50	<1.0	<1.0	<1.0	<1.0	-	<2.0	<10	<1.0	<1.0	<1.0	<250	-	-
MW22B	03/06/10	a,d	32.86	12.18	0.00	<50	<1.0	<1.0	<1.0	<1.0	-	<2.0	<10	<1.0	<1.0	<1.0	<250	-	-
MW22B	06/05/10	a	32.86	11.89	0.00	<50	<1.0	<1.0	<1.0	<1.0	-	<2.0	<10	<1.0	<1.0	<1.0	<250	-	-
MW22B	08/05/10	a	32.86	12.72	0.00	<50	<1.0	<1.0	<1.0	<1.0	-	<2.0	<10	<1.0	<1.0	<1.0	<250	-	-
SCREEN INTERVAL (feet bgs) 55-65																			
MW22C	09/16/03		32.75	13.89	0.00	ND<50.0	ND<1.00	ND<1.00	ND<1.00	ND<1.00	-	ND<2.00	ND<10.0	ND<1.00	ND<1.00	ND<1.00	-	-	-
MW22C	12/11/03		32.75	13.58	0.00	ND<50.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	-	ND<0.50	ND<10.0	ND<0.50	ND<0.50	ND<0.50	-	-	-
MW22C	03/10/04		32.75	12.64	0.00	ND<50.0	ND<1.00	ND<1.00	ND<1.00	ND<1.00	-	ND<2.00	ND<10.0	ND<1.00	ND<1.00	ND<1.00	-	-	-
MW22C	06/01/04		32.75	13.05	0.00	ND<50.0	ND<1.00	ND<1.00	ND<1.00	ND<1.00	-	ND<2.00	ND<10.0	ND<1.00	ND<1.00	ND<1.00	-	-	-
MW22C	09/01/04		32.75	13.84	0.00	ND<50.0	ND<1.00	ND<1.00	ND<1.00	ND<1.00	-	ND<2.00	ND<10.0	ND<1.00	ND<1.00	ND<1.00	-	-	-
MW22C	12/01/04		32.75	12.67	0.00	ND<50.0	ND<1.00	ND<1.00	ND<1.00	ND<1.00	-	ND<2.00	ND<10.0	ND<1.00	ND<1.00	ND<1.00	-	-	-
MW22C	03/24/05		32.75	11.08	0.00	ND<50.0	ND<1.00	ND<1.00	ND<1.00	ND<1.00	-	ND<2.00	ND<10.0	ND<1.00	ND<1.00	ND<1.00	-	-	-
MW22C	06/09/05	d	32.75	11.10	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-
MW22C	09/13/05	d	32.75	11.45	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-
MW22C	12/14/05	d	32.75	11.35	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-
MW22C	03/15/06	d	32.75	10.72	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-

TABLE 3 - GROUNDWATER MONITORING DATA
EXXONMOBIL OIL CORPORATION SERVICE STATION 18MY,
3470 FAIRVIEW ROAD, COSTA MESA, CALIFORNIA

Well Number	Date	Elevation TOC (feet)	Depth to Water (feet bgs)	Groundwater Elevation (feet)	LPH Thickness	TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE 8020B (µg/L)	MTBE 8260B (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol 8015M (µg/L)	Ethanol 8260B (µg/L)	Methanol (µg/L)
MW22C	06/15/06	d	10.36	22.39	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-
MW22C	09/14/06	d	10.93	21.82	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-
MW22C	12/13/06	d	10.96	21.79	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-
MW22C	03/15/07	d	10.92	21.83	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-
MW22C	06/13/07	d	11.09	21.66	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-
MW22C	09/11/07	a,d	12.48	20.27	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-
MW22C	12/11/07	a,d	12.93	19.82	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-
MW22C	03/11/08	a,d	12.12	20.63	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-
MW22C	06/11/08	a	12.75	19.82	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-
MW22C	08/06/08	a	12.75	19.53	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-
MW22C	11/07/08	a	12.75	19.32	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-
MW22C	02/05/09	a,d,e	13.65	19.10	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-
MW22C	05/08/09	a	13.43	19.88	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-
MW22C	08/06/09	a	12.87	19.15	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-
MW22C	11/10/09	a,e	13.60	19.15	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-
MW22C	02/04/10	a,d	13.85	18.90	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-
MW22C	05/06/10	a	11.78	20.97	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-
MW22C	08/05/10	a	11.45	21.31	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-
MW22C	08/05/10	a	12.20	20.55	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-
SCREEN INTERVAL (feet bgs) 80-90																			
MW22D	09/16/03	32.94	14.94	18.00	0.00	ND<50.0	ND<1.00	ND<1.00	ND<1.00	ND<1.00	-	ND<2.00	ND<10.0	ND<1.00	ND<1.00	ND<1.00	-	-	-
MW22D	12/11/03	32.94	13.28	19.66	0.00	ND<50.0	ND<1.00	ND<1.00	ND<1.00	ND<1.00	-	ND<2.00	ND<10.0	ND<1.00	ND<1.00	ND<1.00	-	-	-
MW22D	03/10/04	32.94	13.07	19.87	0.00	ND<50.0	ND<1.00	ND<1.00	ND<1.00	ND<1.00	-	ND<2.00	ND<10.0	ND<1.00	ND<1.00	ND<1.00	-	-	-
MW22D	06/01/04	32.94	13.86	19.08	0.00	ND<50.0	ND<1.00	25.5	ND<1.00	ND<1.00	-	ND<2.00	ND<10.0	ND<1.00	ND<1.00	ND<1.00	-	-	-
MW22D	09/01/04	32.94	14.56	18.38	0.00	ND<50.0	ND<1.00	ND<1.00	ND<1.00	ND<1.00	-	ND<2.00	ND<10.0	ND<1.00	ND<1.00	ND<1.00	-	-	-
MW22D	12/01/04	32.94	13.56	19.38	0.00	ND<50.0	ND<1.00	ND<1.00	ND<1.00	ND<1.00	-	ND<2.00	ND<10.0	ND<1.00	ND<1.00	ND<1.00	-	-	-
MW22D	03/24/05	32.94	10.42	22.52	0.00	ND<50.0	ND<1.00	ND<1.00	ND<1.00	ND<1.00	-	ND<2.00	ND<10.0	ND<1.00	ND<1.00	ND<1.00	-	-	-
MW22D	06/09/05	d	32.94	11.51	21.43	<50.0	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-
MW22D	09/13/05	d	32.94	11.97	20.97	<50.0	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-
MW22D	12/14/05	d	32.94	11.29	21.65	<50.0	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-
MW22D	03/14/06	d	10.33	22.61	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-
MW22D	06/15/06	d	10.06	22.88	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-
MW22D	09/14/06	d	10.83	22.11	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-
MW22D	12/13/06	d	10.65	22.29	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-
MW22D	03/15/07	d	10.03	22.91	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-
MW22D	06/13/07	d	10.99	21.95	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-
MW22D	09/11/07	a,d	12.99	19.95	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-
MW22D	12/11/07	a	13.57	19.37	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-
MW22D	03/11/08	a,d	12.75	20.19	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-
MW22D	06/11/08	a	13.59	19.35	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-
MW22D	08/06/08	a	13.97	18.97	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-
MW22D	11/07/08	a	14.40	18.54	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-
MW22D	02/05/09	a,d,e	13.82	19.12	0.00	72	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-
MW22D	05/08/09	a	13.72	19.22	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-
MW22D	08/06/09	a	14.48	18.46	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-
MW22D	11/10/09	a,e	14.63	18.31	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-
MW22D	02/04/10	a,d	12.62	20.32	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-
MW22D	05/06/10	a	12.19	20.75	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-
MW22D	08/05/10	a	12.77	20.17	0.00	<50.0	<1.00	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-	-

18MyProjectal18MYPublicQuantityReport2010010118MY_GW_Table1-3